

**The Southeast Recreational Fisheries  
Social Science Literature Database**

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## Introduction

Research on the socioeconomic aspects of recreational fishing in the Southeastern U.S. and U.S. Caribbean is documented in scientific journals, government reports, and gray literature. This paper reports on the first effort to collect, organize, and catalog this literature into a database. The database, termed the Southeastern Recreational Fisheries Social Science Literature Database (SERFSSLD), contains references to 218 studies in economics, sociology, and anthropology. The SERFSSLD is maintained by the Social Science Research Group at the Southeast Fisheries Science Center and can be searched via the World Wide Web.<sup>1</sup> It is expected that the database will be very useful in benefits transfer analysis and in identifying the areas and species where socioeconomic information is needed. A few areas for future research are suggested at the end of this report based on the existing content of the SERFSSLD.

The study area encompasses the jurisdictional regions of three NOAA fisheries management councils (FMC): South Atlantic, Gulf of Mexico and Caribbean (see Figure 1). Each FMC manages the living marine resources in the area between 3 and 200 nautical miles offshore.<sup>2</sup> The references in the SERFSSLD cover recreational fishing for the marine species (mostly finfish) managed by these three fishery management councils.

Ten types of studies are considered: 1) attitudes, 2) bioeconomic modeling, 3) business operations, 4) characteristics, 5) expenditure/impact, 6) management/policy, 7) marketing, 8) participation/demand, 9) recreational supply, and 10) valuation. *Attitude* studies evaluate opinions about the status and management of fishery resources. *Bioeconomic modeling* studies use models of fish populations and the behavior of anglers to evaluate the dynamics of fisheries over time. *Business operations* studies estimate the costs and earnings of operators in the for-hire recreational fishing industry. *Characteristics* studies assess general socioeconomic information (age, gender, experience, etc.) about anglers. *Expenditure/impact* studies collect information on angler and/or for-hire operator expenditures and calculate the economic impact of the expenditures on the economy. *Management/policy* studies focus on the socioeconomic aspects of fishery management plans. *Marketing* studies examine angler preferences for different attributes of fishing experiences (e.g., species or trip characteristics). *Participation and demand* studies estimate the number of fishing trips and/or angling participants and develop models to project future recreational fishing effort. *Recreational supply* studies assess the supply of boat ramps, marinas, and other services available to anglers. *Valuation* studies estimate anglers' willingness-to-pay for recreational fishing experiences and evaluate the change in value due to changes in recreational fishing policies.

In preparing to construction the SERFSSLD, the following databases and bibliographies were reviewed:

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<sup>1</sup> See <http://199.242.233.11:7777/SScienceDocs/>. There are instructions for querying the SERFSSLD at this URL.

<sup>2</sup> The territorial sea of the South Atlantic states extends to three nautical miles and the territorial sea of the states adjoining the Gulf of Mexico extends to nine nautical miles.

- *Database of Sport Fishing Values*
- *The Beneficial Use Values Database*
- *Recreation Values Database*
- *Coral Reef Valuation Database*
- *Florida Natural Resource Use Value Digest*
- *Non-Market Values Portal*
- *Envalue*
- *A Bibliography of Revealed Preference: Random Utility Models in Recreation Demand*
- *Annotated Bibliography of Economic and Biological Research Related to the Fishery Resources of the United States*
- *ValueBase<sup>SWE</sup>: A valuation study database for environmental change in Sweden*

None of these sources exactly meets the scope of the SERFSSLD.<sup>3</sup> They tend to focus on the Northeastern and Western regions of the U.S. and deal primarily with terrestrial recreation or freshwater fishing. Table 1 suggests that 144 of the 270 references in these sources related to U.S. recreational fishing are potentially relevant to marine recreational fishing in the Southeastern U.S. However, many of these results are similar across the sources, and some references do not contain empirical content. Also, many of the existing sources have not been updated and, therefore, do not include relevant recent literature.<sup>4</sup>

### Database Design and Compilation

The SERFSSLD was created in ProCite 5. References were entered manually or imported from external bibliographic sources. Each record contains general citation data and custom fields relating to the location, activity, fishing mode, species, and habitat involved in the study. The location is detailed by three separate fields: 1) *Fishery Management Council*, 2) *State(s)*, and 3) *Site/Region*, if applicable. The *activity* field lists all the activities studied, including recreational fishing, tournament fishing, commercial fishing, recreational boating, recreational diving/snorkeling, wildlife viewing, beach use, and surfing/windsurfing. The *fishing mode* can be private boat, party/head boat, charter boat, or shore/pier, or any combination thereof. The *species* field contains the names of all the fish species considered in the study. Finally, the *habitat type* indicates whether the study area is fresh or salt water. Marine environments are further delineated as either natural or artificial habitat, if applicable. Any field that was not directly relevant to a study is coded as “not specific.”

Several bibliographic information providers were used to populate the SERFSSLD. The providers used were freely available to the public or accessible via contracts with NOAA or the University of Miami. A complete list of providers is shown in Table 2. The basic search string

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<sup>3</sup> Summaries of each existing source are presented in Appendix 3.

<sup>4</sup> Though Sweden’s ValueBase is a new product, released in January of 2004, the year 2001 is the latest known update for any of the domestic sources at this time.

consisted of “recreation” along with a study type or “economic”. Results were narrowed by geographic location where possible. Boolean and wildcard searches were also performed.<sup>5</sup> A list of search terms and strings used is shown in Table 3. The complete list of search strings used with each information provider, along with the number of potentially relevant results is available upon request.

A preliminary set of references were imported into Procite from the bibliographic providers using the search terms and strings. Records outside of the area of interest were removed as were those that did not consider recreational fishing or focused exclusively on freshwater habitat.<sup>6</sup> Of the remaining 334 records, only 218 were determined to be relevant to the SERFSSLD based on an examination of the title, abstract, and, in some cases, the full text.

### **Review of Database Contents**

The distribution of the 218 references in the SERFSSLD over time is shown in Figure 2. The publication dates ranged from 1959 to 2003, but the majority of the references were published within the last 15 years. The higher publication activity in 1989, 1992, and 2001 reflects, in part, the timing of socioeconomic add-ons to the Marine Recreational Fisheries Statistics Survey in the Southeastern U.S.

As shown in Figure 3, studies focusing on the Gulf of Mexico are by far the most prevalent in the SERFSSLD.<sup>7</sup> This is because the Gulf has seen the much more policy activity than the other two council regions in the Southeast. About half as many references researched areas under the jurisdiction of the South Atlantic council, and only a small number studies focused on the Caribbean territories. Note that there are some studies that include analyses for fishery management councils outside the study area. The breakdown of references by state shown in Figure 4 indicates that the majority of studies are related to Texas and Florida. The Figure also illustrates the general lack of research on the socioeconomic aspects of recreational fishing in the U.S. Caribbean.

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<sup>5</sup> Wildcard searches allow the user to input a singular or truncated word followed by an asterisk, and the program searches for the portion of the word, thus allowing users to find plural or other forms of the word as well. Boolean searches allow users to connect terms together in a search string. For the searches performed for this project, only “and” was used as a connector.

<sup>6</sup> Most of these references are still contained in the ProCite database, but they are in a separate group so they can be excluded from searches.

<sup>7</sup> Some references fall under more than one category (e.g., area); thus, the counts overlap across studies. Counts may also be misleading because multiple references (report, journal article, etc.) in the database can be based on the same data and analyses.

Figure 5 shows the share of each type of study in the SERFSSLD. Characteristics and participation/demand studies are the most prevalent types, appearing in about a third of all references each. Valuation, expenditure/impact, and attitudes are the next most common types, each appearing in roughly fifteen percent of the database records. Relatively little research has been conducted on for-hire business operations, bioeconomic models of recreational fishing, and recreational angling supply in the Southeast region.

The ten most frequently occurring authors are shown in Figure 6. Robert Ditton and his colleagues at Texas A&M University account for a large share of the records. This body of work corresponds with the large number of references related to Texas and the Gulf of Mexico. Cameron, Graefe and Holland also contribute to the large number of references focusing on the Gulf area. The next largest set of contributions is from Milon, Bell and Leeworthy in Florida, but their works combined do not equal Ditton's total contributions.

The distribution of records in the SERFSSLD by activity, fishing mode, and species studied are shown in Figure 7, Figure 8, and Figure 9, respectively. Given the scope of the database, all studies considered recreational fishing as an activity. About a fourth of the references also studied commercial fishing and slightly smaller amount looked at tournament fishing, diving/snorkeling, boating, and other activities.<sup>8</sup> Private boat fishing is the most frequently studied recreational angling mode. Charter boat fishing is the next most studied mode, followed by party boat fishing and shore (jetty, pier, beach, bridge, etc.) angling. Again, some references also analyzed commercial fishing. The five most frequently occurring species are shown in Figure 9. While the vast majority of the references did not focus on a specific species or set of species, there were observable trends in the studies that did. The most prevalent species, red drum, was covered in nearly ten percent of the database records. Red snapper and king mackerel were the next most studied species, followed by billfish and spotted seatrout.

### **Summary and Research Needs**

- There have been relatively few socioeconomic studies of recreational fishing in the U.S. Caribbean; only one participation/demand study has been conducted and no valuation analyses are available.
- Some states in the Southeast are lacking socioeconomic information on marine recreational fishing; only one record pertains directly to Georgia, and two relate directly to South Carolina.
- The socioeconomic profile and value of many popular recreational species has not been studied. For example, the snapper-grouper complex has been examined as a group, but little is known about the individual species in this group, except red snapper. Tarpon, a

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<sup>8</sup> Other activities include hunting, picnicking, sightseeing, wildlife viewing and beach visitation.

popular gamefish in the Southeast, appears the same number of times as mullet. Other than billfish and mackerels, the demand for and value of popular pelagic species has not been estimated.

- Relatively little research has been conducted on the socioeconomics of the for-hire modes of recreational fishing in the Southeast. Even less information is available on the socioeconomic aspects of recreational fishing from the shore modes.

## Tables



Table 1. Dates and Potentially Relevant Studies of Each Existing Source

Source	Years Covered	Total Studies	All Fishing		Marine	
			US	SE US	US	SE US
Database of Sport Fishing Values	1975 - 1996	109	109	24	33	21
Beneficial Use Values Database	1970's - 1998	131	6	2	3	2
Recreation Values Database	1967 - 1998	163	39	13	2	2
Coral Reef Valuation Database	1987 - 2002	46	1	1	1	1
Florida Natural Resource Use Value Digest	1982 - 1999	46	n/a	20	n/a	18
Non-Market Values Portal	1970's - 2001	~200	4	1	3	1
Envalue	1970's-2001	432	15	3	4	3
A Bibliography of Revealed Preference: Random Utility Models in Recreation Demand	1968 - 1999	121	73	12	20	12
Annotated Bibliography of Economic and Bibliographical Research Related to the Fishery Resources of the U.S.	1930's - 1997	~2900	132	66	124	66
Total Records			270	162	190	144

Table 2. Information Providers and Databases Searched

Provider	Database(s)	URL
AGRICOLA		<a href="http://www.nal.usda.gov/ag98/">http://www.nal.usda.gov/ag98/</a>
Blackwell Synergy		<a href="http://www.blackwellsynergy.com">http://www.blackwellsynergy.com</a>
Cambridge	ASFA, General	<a href="http://www.csa.com/">http://www.csa.com/</a>
First Search	Biological and Agricultural Index, ECO, EconLit, Geobase, WorldCat	<a href="http://firstsearch.oclc.org">http://firstsearch.oclc.org</a>
ICPSR		<a href="http://www.icpsr.org">http://www.icpsr.org</a>
InfoTrac	Expanded Academic ASAP	<a href="http://infotrac.galegroup.com/">http://infotrac.galegroup.com/</a>
Ingenta		<a href="http://www.ingenta.com">http://www.ingenta.com</a>
ISI Web of Knowledge	Social Science Index	<a href="http://isi10.isiknowledge.com/">http://isi10.isiknowledge.com/</a>
ProQuest		<a href="http://www.proquest.com">http://www.proquest.com</a>
RePEc	IDEAS	<a href="http://www.repec.org">http://www.repec.org</a>
Science Direct		<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
State University System of Florida	WebLUIIS	<a href="http://webluis.fcla.edu/">http://webluis.fcla.edu/</a>
University of Miami	Ibisweb	<a href="http://ibisweb.miami.edu">http://ibisweb.miami.edu</a>
Wiley Interscience		<a href="http://www.interscience.wiley.com">http://www.interscience.wiley.com</a>
Wilson	Omnifile	<a href="http://www.hwwilson.com/">http://www.hwwilson.com/</a>

Table 3. Search Terms

Type	Activity	Mode	State	FMC	Habitat
economic	recreational	boat	Florida	Gulf	marine
valuation	fishing	charter	Alabama	Atlantic	saltwater
	fish	party	Mississippi	Caribbean	
	angling	head	Louisiana		
	angler		Texas		
			Georgia		
			South Carolina		
			North Carolina		
			Puerto Rico		
			Virgin Islands		

## Figures

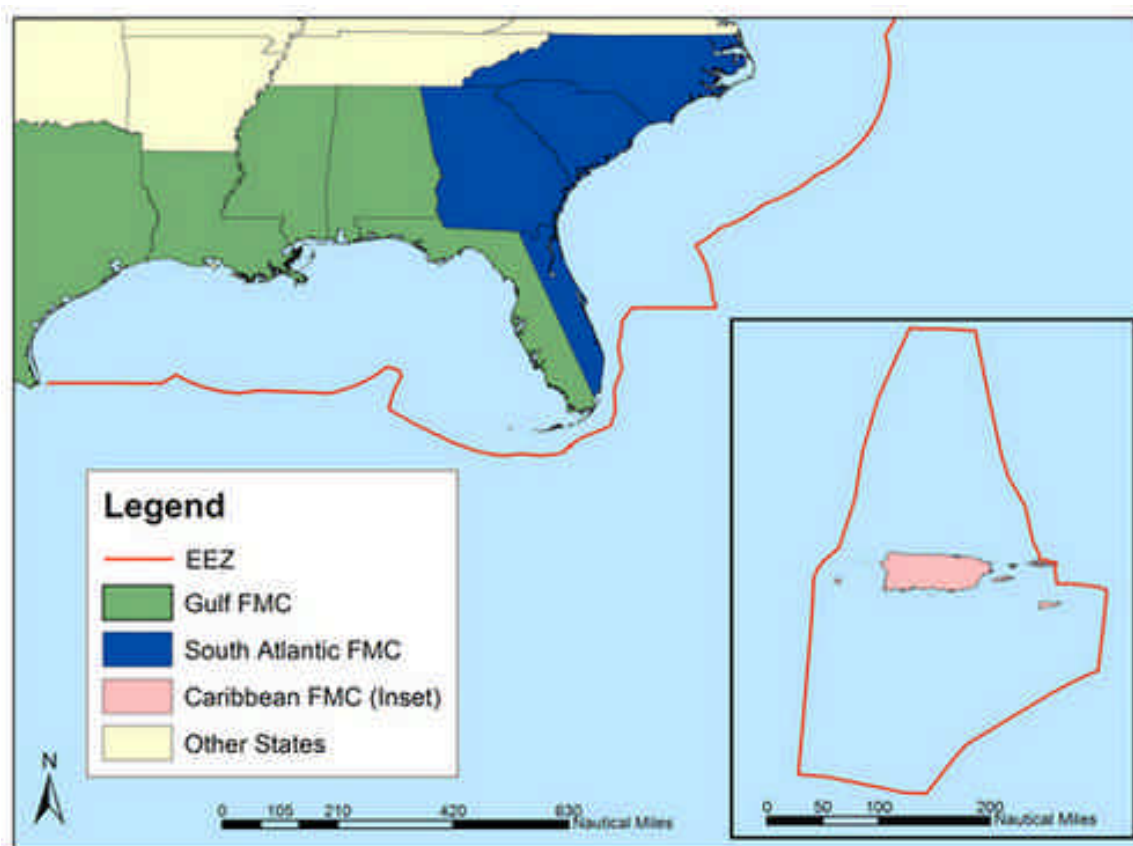


Figure 1: Jurisdiction of the Fishery Management Councils in the Southeast and Caribbean

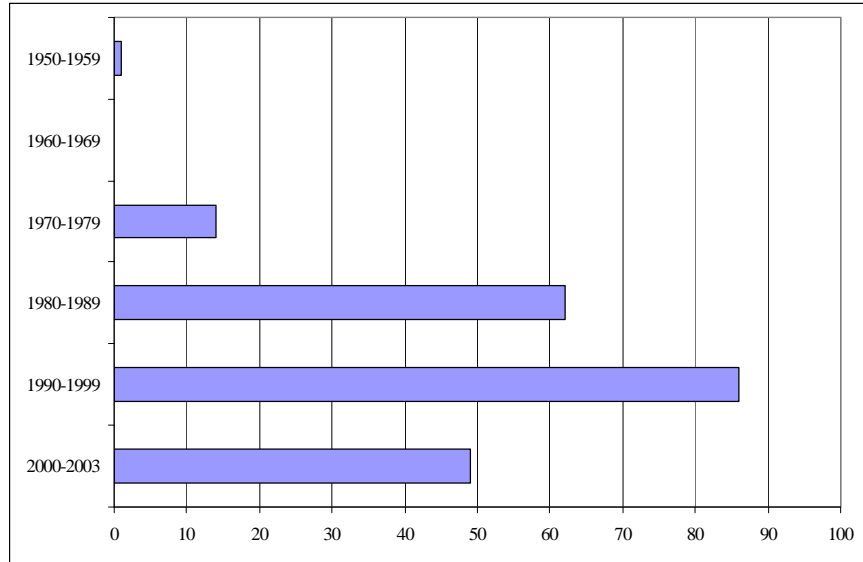


Figure 2: Date Distribution of References

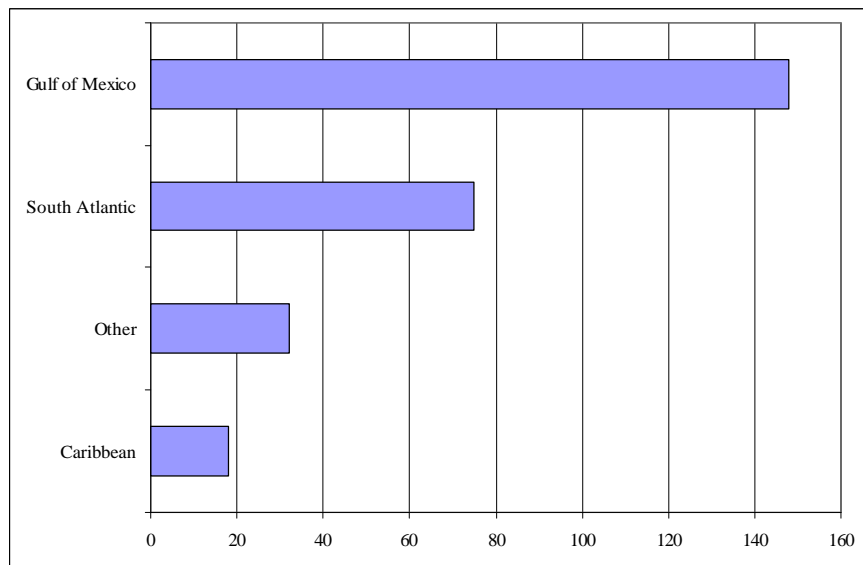


Figure 3: References by Fishery Management Council

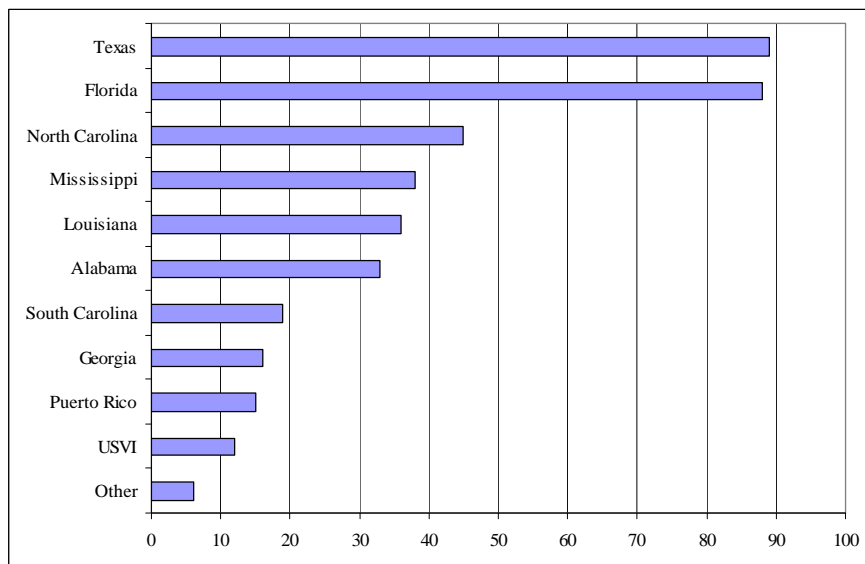


Figure 4: References by State

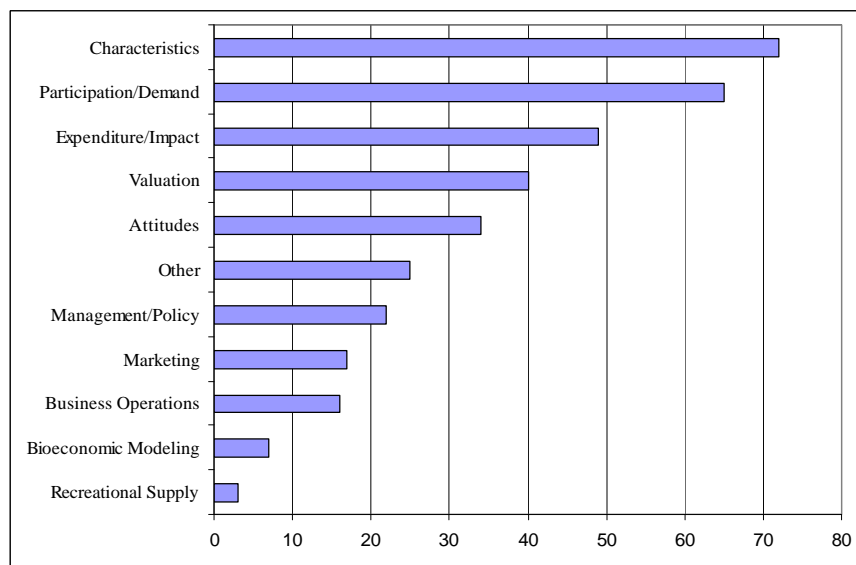


Figure 5: References by Type

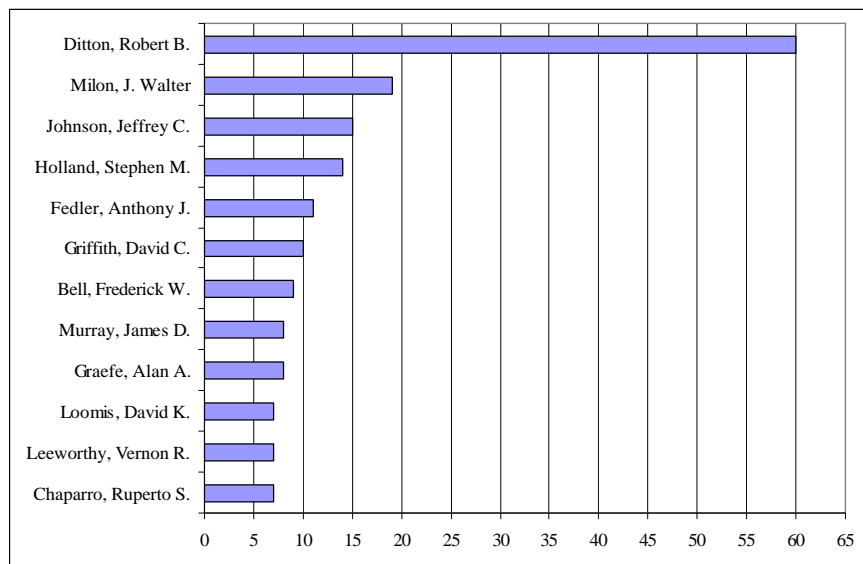


Figure 6: Ten Most Frequently Occurring Authors

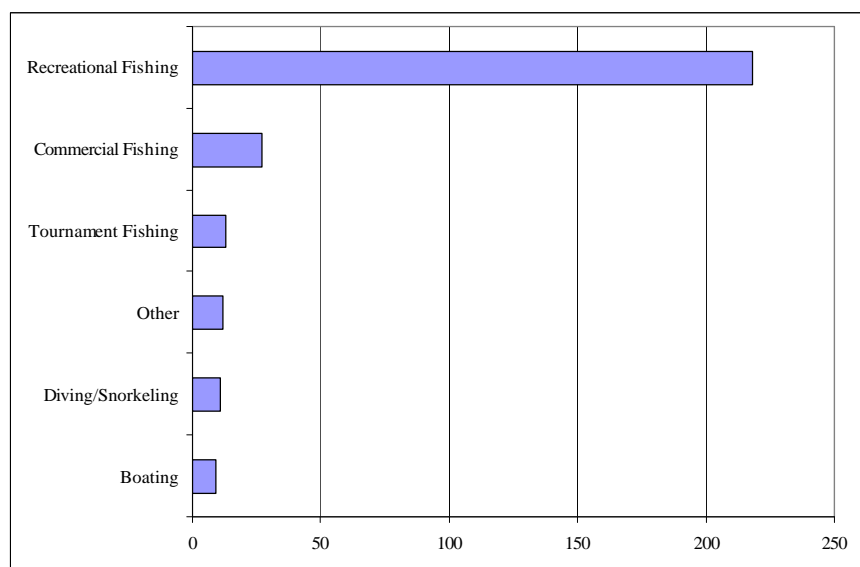


Figure 7: References by Activity



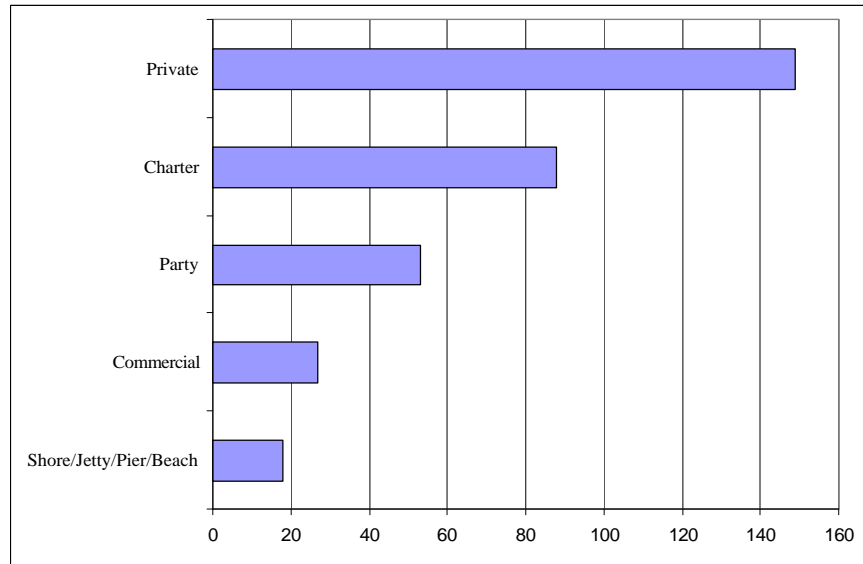


Figure 8: References by Fishing Mode

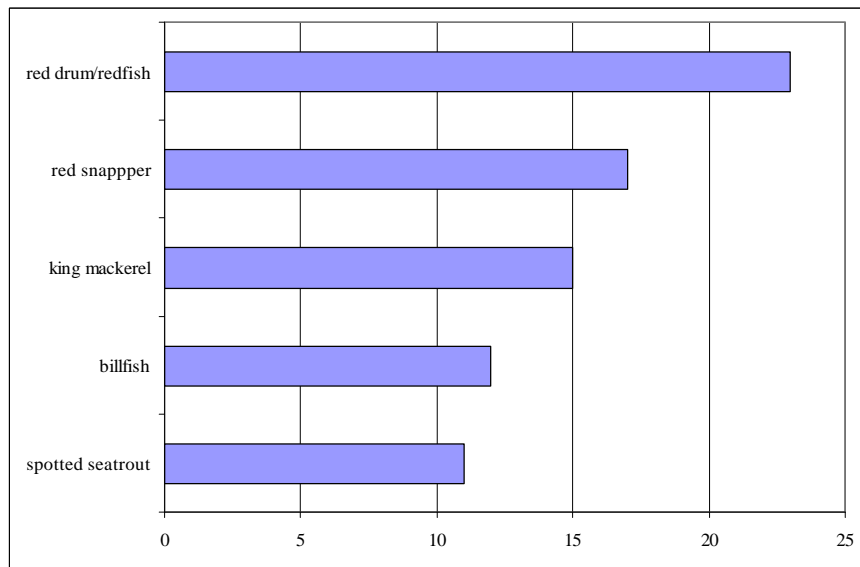


Figure 9: Five Most Frequently Occurring Species

## **Appendix 1. Review of Existing Sources of Valuation Information**

The *Database of Sport Fishing Values (DSV)* was prepared for the Economics Division of the Fish and Wildlife Service and provides recreational fishing values for the United States. The DSV considers studies from 1975-1996, primarily in the Northeastern and Western regions of the U.S. Of the 109 studies included in the DSV, 24 provide valuations for recreational fishing in the Southeastern U.S. Marine recreational fishing is valued by 33 sources for the entire nation and in 21 sources for the area of interest. The database report contains a complete listing and explanation of database fields, along with detailed descriptions of value coding and the “best estimate” selection process.

URL: <http://www.indecon.com/fish/default.asp>

The *Beneficial Use Values Database (BUVD)* has a wide focus, concentrating on valuation studies across the U.S. for the 26 beneficial uses of water as identified by the California State Water Resources Control Board. Of the 131 studies included, only six valued recreational fishing, half of which were for saltwater fishing. Two studies, both for marine sport fishing, were included for the Southeastern region. A report detailing the heuristic process of reference selection and economic value reporting developed by the researchers is also available.

URL: <http://buvd.ucdavis.edu/>

The *Recreation Values Database (RVD)* concentrates on use values for all forest recreation resources, which reflects the fact that it was compiled by the U.S. Forest Service, but it also contains some coastal/ocean resource valuation literature as well. The database contains 163 studies in total. Thirty-nine value sport fishing and thirteen focus on the Southeast. However, the majority of the values are for freshwater species; only two studies included value saltwater fishing, both of which are for the Southeast. The database report contains descriptions of benefit transfer applications, along with examples, definitions, applications and other resources.

URL: [http://www.fs.fed.us/nonmarketprimerdata/benefit\\_transfer.htm](http://www.fs.fed.us/nonmarketprimerdata/benefit_transfer.htm)

The *Coral Reef Valuation Database (CRVD)* contains 46 valuation studies for coral reefs throughout the world. Only one study of marine recreational fishing is included in the database—a survey for the Southeastern region. The database was created through NOAA’s Coral Reef Initiative Program in order to both identify areas that are in need of further research and also to facilitate benefit transfer analyses.

URL: <http://marineeconomics.noaa.gov/Reefs/reeflit1.html>

The *Non-Market Values Portal (NMVP)* is an online searchable database created under the National Oceans Economics Project at the University of Southern California, Davis campus. It contains reference information for studies that have estimated a value for resources and activities for which there is no observable market. The geographic scope is global, but most of the approximately 200 studies now in the database are for the U.S. Of these studies, four value sport fishing in the U.S., and three value marine sport fishing. Only one provides a value for the

Southeast. The database is currently in a nascent stage of reference accumulation, and the search utility brings up only the citation information and brief descriptions when available.

URL: <http://essp.csumb.edu/noep/nonmarket/nonmarket.html>

*Envalue* is an online searchable database created by the Environment Protection Authority in New South Wales, Australia. *Envalue* has an extremely wide focus, covering recreational and environmental values for many resources of cosmopolitan geographic locations. *Envalue* currently contains 432 sources. Fifteen sources value recreational fishing in the U.S., and four of these are for saltwater. Of those, three focus on the Southeastern U.S. The search utility retrieves information from the references; including the basic bibliographic information, the valuation estimate(s), units, particulars of the methodology used, and geographic location.

URL: <http://www.epa.nsw.gov.au/envalue/>

The *Florida Natural Resource Use Value Digest (FNRUVD)*, is a database that provides reference information and values from 46 studies that focus on Florida's natural resources. Twenty studies value sport fishing, and 18 of those value marine sport fishing. The *FNRUVD* is included as an appendix in a guidebook on economic valuation and analysis for Florida.<sup>9</sup> This document also includes a bibliography of *Florida Environmental Resource Valuation Case Studies* with 152 Florida studies. Twenty studies value sport fishing and 18 value marine sport fishing.

URL: <http://marineeconomics.noaa.gov/bibsb/FLValuesDigest.pdf>

The *Bibliography of Revealed Preference: Random Utility Models in Recreation Demand (BRP: RUM)* is a bibliography prepared by George Parsons of the University of Delaware with information on 121 revealed preference recreation demand studies that used random utility models. The studies focus on various resources in North America. The bibliography, while not fully annotated, lists keywords for each reference. Seventy-three of the listed studies relate to recreational fishing, and twenty value marine recreational fishing, but only twelve of those could apply to the Southeastern U.S.

URL: <http://www.aere.org/resources/parsons.pdf>

The *Annotated Bibliography of Economic and Biological Research Related to the Fishery Resources of the United States (ABEBR)* was originally developed to contain documents related to the economic and biological studies on the Gulf of Mexico shrimp industry. It now contains reference information and summaries for nearly 3000 studies of fisheries and environmental issues throughout the U.S. The bibliography contains 132 economically-based studies for recreational fishing in the U.S., and 124 of these focus on marine fishing. About half of the studies—66—are for the Southeastern region.

URL: <http://www.st.nmfs.gov/st1/econ/Bibliography.pdf>

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<sup>9</sup> Letson, David and J. Walter Milon, eds. 2002. *Florida's coastal environmental resources: A guide to economic valuation and impact analysis*. Florida Sea Grant Report ID FLSGP-H-02-002.

*ValueBase<sup>SWE</sup>*: A valuation study database for environmental change in Sweden was developed at Beijer International Institute of Ecological Economics through funding from the Swedish Environmental Protection Agency. The database contains the citations and study information for 171 references with publication dates ranging from 1974 - 2003. The database is in Excel workbook format; the first sheet contains all of the citation data while the second sheet contains explanations of abbreviations used within the contents. Fields are included to detail the valuation methodology, survey structure, response rates, and the environmental goods/services/assets valued for each reference. Of the 171 studies included in the database, nine value recreational fishing, and all nine of these studies focus solely on recreational fishing resources within Sweden and its Baltic and Nordic neighbors. Eight of the nine studies also seem to value freshwater species or fishing locations, and the ninth values salmon, which are an anadromous species. Each annotation has reference information and the original abstract, or a general summary when the abstract was not available. An index of author names by subject is also included.

URL: <http://www.beijer.kva.se/valuebase.htm>

## **Appendix 2. Bibliography of Research on the Socioeconomic Aspects of Marine Recreational Fishing in Southeastern U.S. and U.S. Caribbean**

American Sportfishing Association. Sportfishing in America: Values of Our Traditional Pastime. American Sportfishing Association. 2002.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private; charter; party

Habitat: marine; freshwater

Type: expenditure and impact

Anderson, David K. Understanding the influence of selected variables on the travel patterns of saltwater anglers. Proceedings of the 54th Annual Gulf and Caribbean Fisheries Institute.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: attitudes; marketing

Anderson, David K. and Ditton, Robert B. Understanding Future Issues in Saltwater Fisheries Management in Texas. Texas A&M University Human Dimensions Lab, Report ID HD-618. 2001.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: red drum

Activity: recreational fishing

Mode: private

Habitat: marine

Type: attitudes; management and policy

Apogee Research, Inc. in association with Resource Economics Consultants Inc. Economic Assessment and Analysis of the Indian River Lagoon: Natural Resource Valuation of the Lagoon. Indian River Lagoon National Estuary Program. 1996.

Council(s): South Atlantic

State(s): Florida

Region/Site: Indian River Lagoon (Volusia, Brevard, Indian River, St. Lucie and Martin counties)

Species: snook; seatrout  
Activity: recreational fishing; commercial fishing; boating; swimming; watersports;  
beach use; wildlife viewing  
Mode: private; shore; commercial  
Habitat: marine  
Type: expenditure and impact; valuation

Appeldoorn, R.S. and M.P. Valdes. Survey of recreational fishing in Puerto Rico, with emphasis on Queen Conch. 1996. Unpublished.

Council(s): Caribbean  
State(s): Puerto Rico  
Region/Site: not specific  
Species: Queen conch  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: attitudes; characteristics

Arndorfer, David J. and Bockstael, Nancy E. Estimating the Effects of King Mackerel Bag Limits on Charter Boat Captain and Anglers. Palatine, IL: Environmental Resource Management North Central, Inc. 1986.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Destin/Panama City  
Species: king mackerel  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: management and policy; valuation

Bell, F.W. "An economic impact analysis of recreational versus commercial fishing." *Journal of Contemporary Business*. 10(1): 111-127. 1981.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine; freshwater  
Type: expenditure and impact

Bell, F.W. "The economic valuation of saltwater marsh supporting marine recreational fishing in the southeastern United States." *Ecological Economics*. 21(3): 243-254. 1997.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific

Activity: recreational fishing  
Mode: private  
Habitat: marine, wetlands  
Type: valuation

Bell, Frederick W., Sorensen, Philip E., and Leeworthy, Vernon R. The economic impact and valuation of saltwater recreational fisheries in Florida. Florida Sea Grant College Program, Florida State University, Tallahassee, FL, Sea Grant Report ID FLSGP-T-82-005. 1982.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party; shore; jetty/pier/bridge  
Habitat: marine  
Type: expenditure and impact; valuation

Bell, Frederick W. Application of wetland valuation theory to commercial and recreational fisheries in Florida. Florida Sea Grant College Program, Florida State University, Tallahassee, FL, Sea Grant Report ID FLSGP-T-89-001. 1989.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: blue crab; stone crab; grouper; red snapper; oyster; spiny lobster; shrimp; black mullet  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine, wetlands  
Type: hedonics

Bell, Frederick W. Actual and Potential tourist reaction to adverse changes in recreational coastal beaches and fisheries in Florida. Florida Sea Grant College Program, Sea Grant Report ID FLSGP-T-92-001. 1992.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Bell, Frederick W. Current and projected tourist demand for saltwater recreational fisheries in Florida. Florida Sea Grant College Program, Sea Grant Report ID FLSGP-T-93-001. 1993.

Council(s): Gulf of Mexico, South Atlantic

State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: catch: effort; expenditure and impact; participation and demand

Bell, Frederick W., Bonn, Mark A., and Leeworthy, Vernon R. Economic Impact and Importance of Artificial Reefs in Northwest Florida. Office of Fisheries Management and Assistance Service, Florida Department of Environmental Administration. 1998.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Northwestern Florida (Bay, Walton, Okaloosa, Santa Rosa, and Escambia counties)  
Species: not specific  
Activity: recreational fishing; recreational diving  
Mode: private; charter; party  
Habitat: marine, artificial  
Type: expenditure and impact; valuation

Bockstael, N.E., K.E. McConnell, and I.E. Strand Jr. "A random utility model for sportfishing: Some preliminary results for Florida." *Marine Resource Economics*. 6(3): 245-260. 1989.

Council(s): South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: big; medium; small  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Bohnsack, B.L., R.B. Ditton, J.R. Stoll, R.J. Chen, R. Novak, and L.S. Smutko. "The Economic Impacts of the Recreational Bluefin Tuna Fishery in Hatteras, North Carolina." *North American Journal of Fisheries Management*. 22(1): 165-176. 2002.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: Hatteras  
Species: bluefin tuna  
Activity: recreational fishing  
Mode: private; charter  
Habitat: marine  
Type: characteristics; expenditure and impact; participation and demand

Bohnsack, Brian L. and Ditton, Robert B. Demographics, Participation, Attitudes and Management Preferences of Texas Anglers. Texas A&M University Human Dimensions



- Lab, Report ID HD-611. 1999.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine; freshwater  
 Type: attitudes; characteristics; management and policy; participation and demand
- Bohnsack, Brian L. Gender and longitudinal perspectives on recreation specialization levels of saltwater anglers in Texas. Texas A&M University. 2002. Dissertation.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: not specific  
 Habitat: marine  
 Type: attitudes
- Bohnsack, J.A., D.E. Harper, and D.B. McClellan. "Fisheries Trends from Monroe County, Florida." *Bulletin of Marine Science*. 54(3): 982-1018. 1994.  
 Council(s): Gulf of Mexico  
 State(s): Florida  
 Region/Site: Monroe County  
 Species: not specific  
 Activity: recreational fishing; commercial fishing; marine life harvesting  
 Mode: private; charter; party; commercial  
 Habitat: marine  
 Type: catch: effort; characteristics
- Browder, J.A., J.C. Davis, and E. Sullivan. "Paying-Passenger Recreational Fisheries of the Florida Gulf Coast and Keys." *Marine Fisheries Review*. 43(8): 12-20. 1981.  
 Council(s): Gulf of Mexico  
 State(s): Florida  
 Region/Site: Gulf Coast, Keys  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter; party  
 Habitat: marine  
 Type: characteristics
- Brown, E.E. and F.J. Holemo. "An Economic Analysis of Georgia's Marine Charter Boat Fishing Industry." *Marine Fisheries Review*. 37(4): 11-12. 1975.  
 Council(s): South Atlantic  
 State(s): Georgia

Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: characteristics; expenditure and impact

Brown, S.T. "Trends in the commercial and recreational shark fisheries in Florida, 1980-1992, with implications for management." *North American Journal of Fisheries Management*. 19(1): 28-41. 1999.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: not specific  
Species: sharks  
Activity: shark fishing; commercial fishing; recreational fishing; charter fishing  
Mode: commercial; private; charter  
Habitat: marine  
Type: catch; effort; management and policy

Cameron, T.A. Combining Contingent Valuation and Travel Cost Data for the Valuation of Non-market Goods. In: *Contingent Valuation Assessment of the Economic Damages of Pollution to Marine Recreational Fishing*. Trudy A. Cameron. Environmental Protection Agency. 1989.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: valuation

Cameron, T.A. The Effects of Variations in Gamefish Abundance on Texas Recreational Fishing Demand: Welfare Estimates. In: *Contingent Valuation Assessment of the Economic Damages of Pollution to Marine Recreational Fishing*. Trudy A. Cameron. Environmental Protection Agency. 1989.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Cameron, T.A. Using the Basic "Auto-Validation" Model to Assess the Effect of Environmental Quality on Texas Recreational Fishing Demand. In: *Contingent*

*Valuation Assessment of the Economic Damages of Pollution to Marine Recreational Fishing.* Trudy A. Cameron. 1989.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: Gulf Coast

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: valuation

Cameron, T.A. "Combining Contingent Valuation and Travel Cost Data for the Valuation of Nonmarket Goods." *Land Economics*. 68(3): 302-317. 1992.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private; charter; party

Habitat: marine

Type: valuation

Cato, James C. and Prochaska, Frederick J. The Gulf of Mexico Commercial and Recreational Red Snapper-Grouper Fishery: An Economic Analysis of Production, Marketing, and Prices. Florida Sea Grant College Program, Sea Grant Report ID FLSGP-Z-75-039. 1975.

Council(s): Gulf of Mexico

State(s): Florida

Region/Site: not specific

Species: red snapper; grouper

Activity: recreational fishing; commercial fishing

Mode: private; commercial

Habitat: marine

Type: marketing

Chaparro, Ruperto S. Developing strategies to enhance charter boat fishing operations in Puerto Rico and the U.S. Virgin Islands. St. Petersburg, FL: NOAA SEFC, NA89WCHSK040. 1992.

Council(s): Caribbean

State(s): Puerto Rico, U.S. Virgin Islands

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter

Habitat: marine

Type: business operations; marketing

- Chaparro, Ruperto S. Understanding commercial-recreational fishermen user conflicts in Puerto Rico and the United States Virgin Islands: Developing strategies to enhance charter boat fishing operations in Puerto Rico and United States Virgin Islands. St. Petersburg, FL: NOAA SEFC, NA89WCHSK040. 1992.  
 Council(s): Caribbean  
 State(s): Puerto Rico, U.S. Virgin Islands  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing; commercial fishing  
 Mode: charter; commercial  
 Habitat: marine  
 Type: marketing
- Choi, S.-D., D.K. Loomis, and R.B. Ditton. "Understanding the influence of selected variables in recreation substitution decisions." *Leisure Sciences*. 16 :143-159. 1994.  
 Council(s): not specific  
 State(s): not specific  
 Region/Site: not specific  
 Species: not specific  
 Activity: not specific  
 Mode: not specific  
 Habitat: not specific  
 Type: research methods
- Clark, Donald J., Ditton, Robert B., and Chaparro, Ruperto S. The Economic Importance of Recreational Billfish Angling in Puerto Rico. Proceedings of the 46th Gulf and Caribbean Fisheries Institute.  
 Council(s): Caribbean  
 State(s): Puerto Rico  
 Region/Site: not specific  
 Species: billfish  
 Activity: recreational fishing; tournament fishing  
 Mode: private; charter  
 Habitat: marine  
 Type: expenditure and impact
- Clark, Donald J. The Effects of Constraints on Participation and Substitution Behavior in Recreational Fishing (Anglers). Texas A&M University. 1996. Dissertation.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: participation and demand

Connelly, N.A. and T.L. Brown. "Effect of social desirability bias and memory recall on reported contributions to a wildlife income tax checkoff program." *Leisure Sciences*. 16(2): 81-91. 1994.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: not specific

Mode: not specific

Habitat: not specific

Type: research methods

Daniel, Donnie L. Empirical and theoretical observations on the potential economic benefits and costs associated with Mississippi-Alabama Liberty Ship reef program. Mississippi-Alabama Sea Grant Consortium, Sea Grant Report ID MASGC-T-76-002. 1976.

Council(s): Gulf of Mexico

State(s): Alabama, Mississippi

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: not specific

Habitat: marine, artificial

Type: expenditure and impact

Dillman, D.A., T.L. Brown, J.E. Carlson, E.H. Carpenter, F.O. Lorenz, R. Mason, J. Saltiel, and R.L. Sangster. "Effects of category order on answers in mail and telephone surveys." *Rural Sociology*. 60(4): 674-687. 1995.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: not specific

Mode: not specific

Habitat: not specific

Type: research methods

Ditton, Robert B. Social and economic dimensions of fishing tournaments. Proceedings of the 40th Annual Gulf and Caribbean Fisheries Institute.

Council(s): Gulf of Mexico, Caribbean

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing; tournament fishing

Mode: private

Habitat: marine

Type: characteristics

- Ditton, R.B. and A.J. Fedler. "Importance of fish consumption to sport fishermen: a reply to Matlock, et al." *Fisheries*. 14(4): 4, 6. 1989.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: East Matagorda Bay  
 Species: spotted seatrout; red drum  
 Activity: recreational fishing  
 Mode: not specific  
 Habitat: marine  
 Type: fish consumption
- Ditton, R.B., A.J. Fedler, and A.R. Graefe. "Factors contributing to perceptions of recreational crowding." *Leisure Sciences*. 5(4): 273-287. 1982.  
 Council(s): not specific  
 State(s): not specific  
 Region/Site: not specific  
 Species: not specific  
 Activity: not specific  
 Mode: not specific  
 Habitat: not specific  
 Type: not specific
- Ditton, R.B., A.R. Graefe, and A.J. Fedler. "Predicting marine recreational fishing patterns from boat characteristics and equipment." *Transactions of the American Fisheries Society*. 109(6): 644-648. 1980.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: Galveston Bay  
 Species: not specific  
 Activity: recreational fishing; recreational boating  
 Mode: private  
 Habitat: marine; freshwater  
 Type: characteristics; participation and demand
- Ditton, Robert B., Graefe, Alan R., and Lapotka, G. Economic impacts of recreational boat fishing in the Houston-Galveston area of the Texas coast. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-80-007. 1980.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: Houstonnot specificGalveston  
 Species: not specific  
 Activity: recreational boat fishing  
 Mode: private  
 Habitat: marine  
 Type: expenditure and impact

Ditton, R.B., S.M. Holland, and D.K. Anderson. "Recreational Fishing as Tourism." *Fisheries*. 27(3): 17-24. 2002.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing; tourism

Mode: private; charter; party

Habitat: marine

Type: marketing

Ditton, R.B., R.N. Jarman, and S.A. Woods. "An analysis of the charter boat fishing industry on the Texas Gulf coast." *Marine Fisheries Review*. 40(8): 1-7. 1978.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter

Habitat: marine

Type: business operations; management and policy

Ditton, Robert B. and Loomis, David K. 1983 Texas International Fishing Tournament: An analysis of participants' characteristics, attitudes and expenditures. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-85-001. 1985.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: South Padre Island

Species: not specific

Activity: recreational fishing; tournament fishing

Mode: private

Habitat: marine

Type: attitudes; characteristics; expenditure and impact

Ditton, Robert B., Sutton, Stephen G., Holland, Stephen M., Stoll, John R., and Milon, J. Walter. A Longitudinal Perspective on the Social and Economic Characteristics of the U.S. Gulf of Mexico Charter and Party Boat Industry. Proceedings of the 52nd Annual Gulf and Caribbean Fisheries Institute. Creswell, R. LeRoy, editor.

Council(s): Gulf of Mexico

State(s): Florida, Alabama, Mississippi, Louisiana, Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing; recreational fishing

Mode: charter; party

Habitat: marine

Type: attitudes; characteristics; expenditure and impact; management and policy

- Ditton, Robert B. Developing Strategies to Enhance Charter and Head Boat Fishing Operations in the Continental Southeastern United States. St. Petersburg, FL: NOAA SEFC, NA86WCH06107. 1989.  
 Council(s): Gulf of Mexico; South Atlantic  
 State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter; party  
 Habitat: marine  
 Type: business operations; marketing
- Ditton, Robert B. A Social and Economic Characterization of the Gulf of Mexico Recreational Shark Fishery. Department of Wildlife and Fisheries Sciences, Texas A&M University, NA90AA-H-MF756. 1992.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
 Region/Site: not specific  
 Species: shark  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: characteristics
- Ditton, Robert B., Anderson, David K., Thigpen III, John F., Bohnsack, Brian L., and Sutton, Stephen G. 1999 Pirates Cove Big Game Tournaments: Participants' Characteristics, Participation in Fishing, Attitudes, Expenditures, and Economic Impacts. Texas A&M University Human Dimensions Laboratory, Report ID HD-615. 2000.  
 Council(s): South Atlantic, Mid Atlantic  
 State(s): North Carolina  
 Region/Site: Manteo (Dare County)  
 Species: not specific  
 Activity: recreational fishing; tournament fishing  
 Mode: private  
 Habitat: marine  
 Type: attitudes; characteristics; expenditure and impact; participation and demand
- Ditton, Robert B. and Arneson, Lynn A. 1984 Deep Sea Roundup: An analysis of participants' characteristics, attitudes and expenditures. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-86-001. 1986.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: Port Aransas  
 Species: not specific  
 Activity: recreational fishing; tournament fishing  
 Mode: private



Habitat: marine

Type: attitudes; characteristics; expenditure and impact; participation and demand

Ditton, Robert B., Bohnsack, Brian L., and Hunt, Kevin M. Understanding Future Issues in Saltwater Fisheries Management in Texas. Texas A&M University Human Dimensions Lab, Report ID HD-610. 1998.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: attitudes; characteristics

Ditton, Robert B., Bohnsack, Brian L., and Stoll, John R. A Social and Economic Study of the Winter Recreational Atlantic Bluefin Tuna Fishery in Hatteras, North Carolina. Texas A&M University. 1998.

Council(s): South Atlantic, Mid Atlantic

State(s): North Carolina

Region/Site: Hatteras

Species: bluefin tuna

Activity: recreational fishing

Mode: private; charter

Habitat: marine

Type: characteristics; expenditure and impact

Ditton, Robert B. and Clark, Donald J. Understanding Displacement, Activity and Resource Substitution, and Constraints to Continued Participation Among Saltwater Anglers. Department of Wildlife and Fisheries Sciences, Texas A&M University, MARFIN NA47FF0015. 1995.

Council(s): Gulf of Mexico

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: not specific

Habitat: marine

Type: participation and demand

Ditton, Robert B., Clark, Donald J., and Chaparro, Ruperto S. A Human Dimensions Perspective on the Billfish Fishery in Puerto Rico. Proceedings of the 46th Gulf and Caribbean Fisheries Institute.

Council(s): Caribbean

State(s): Puerto Rico

Region/Site: not specific

Species: billfish

Activity: recreational fishing  
Mode: private; charter  
Habitat: marine  
Type: attitudes; characteristics

Ditton, Robert B. and Fedler, Anthony J. A statewide survey of boatowners in Texas and their saltwater fishing activity. Texas Sea Grant College Program, Sea Grant Report ID. 1983.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: characteristics

Ditton, Robert B., Finkelstein, Leslie D., and Wilemon, Jeff M. Use of Offshore Artificial Reefs by Texas Charter Fishing and Diving Boats. Texas Parks and Wildlife Dept., Fisheries Division, in association with Texas A&M University Human Dimensions Lab, Report ID HD-604. 1995.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; recreational diving  
Mode: charter; party  
Habitat: marine  
Type: participation and demand

Ditton, Robert B. and Holland, Stephen M. Understanding Involved Fishermen: A Survey of Members of the Gulf Coast Conservation Association. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-84-001. 1984.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; shore  
Habitat: marine; freshwater  
Type: attitudes; participation and demand

Ditton, R.B., S.M. Holland, and D.A. Gill. "The U.S. Gulf of Mexico party boat industry: Activity centers, species targeted, and fisheries management opinions." *Marine Fisheries Review*. 54(2): 15-21. 1992.  
Council(s): Gulf of Mexico

State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: snapper; grouper; amberjack; king mackerel  
Activity: recreational fishing  
Mode: party  
Habitat: marine  
Type: attitudes; characteristics; participation and demand

Ditton, Robert B. and Hunt, Kevin M. Demographics, Participation, Attitudes, Management Preferences, and Trip Expenditures of Texas Anglers. Texas A&M University Human Dimensions Lab, Report ID HD-605. 1996.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine; freshwater  
Type: attitudes; characteristics; expenditure and impact; management and policy; participation and demand

Ditton, R.B. and D.K. Loomis. "Examining Business Turnover in the Texas Charter Boat Fishing Industry: 1975-80." *Marine Fisheries Review*. 47(1): 43-47. 1985.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: business operations; characteristics

Ditton, Robert B. and Loomis, David K. 1985 Hall of Fame Fishing Tournament: An analysis of the participants' characteristics, attitudes and expenditures. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-W-85-005. 1987.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: Galveston Island  
Species: not specific  
Activity: recreational fishing; tournament fishing  
Mode: private  
Habitat: marine  
Type: attitudes; characteristics; expenditure and impact

Ditton, Robert B., Loomis, David K., Risenhoover, Alan D., and et al. Demographics, participation, attitudes, expenditures, and management preferences of Texas saltwater

- anglers, 1986. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-90-001. 1990.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: attitudes; characteristics; expenditure and impact; participation and demand
- Ditton, R.B., T.J. Mertens, and M.P. Schwartz. "Characteristics, Participation, and Motivations of Texas Charter Boat Fishermen." *Marine Fisheries Review*. 40(8): 8-13. 1978.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter  
 Habitat: marine  
 Type: attitudes; characteristics; participation and demand
- Ditton, R.B. and J.D. Vize. "Business turnover in the Texas charter fishing industry, 1975-85." *Marine Fisheries Review*. 49(2): 162-165. 1987.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter  
 Habitat: marine  
 Type: business operations; characteristics
- Dixon, Robert L. and Huntsman, Gene R. Catches and Fishing Effort Associated with the United States South Atlantic Headboat Fleet, 1972-1982. Beaufort, NC: National Marine Fisheries Service. 1986.  
 Council(s): South Atlantic  
 State(s): North Carolina, South Carolina, Florida  
 Region/Site: not specific  
 Species: king mackerel; reef fishes  
 Activity: recreational fishing  
 Mode: party  
 Habitat: marine  
 Type: catch: effort
- Dixon, Robert L. and Huntsman, Gene R. Estimating Catches and Fishing Effort of the Southeast United States Headboat Fleet, 1972-1982. Beaufort, NC: National Marine

Fisheries Service. 1986.  
Council(s): Gulf of Mexico, South Atlantic  
State(s): North Carolina, South Carolina, Georgia, Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: party  
Habitat: marine  
Type: catch: effort

Downing, M.E. and T. Ozuna Jr. "Testing the Reliability of the Benefit Function Transfer Approach." *Journal of Environmental Economics and Management*. 30(3): 316-22. 1996.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Dugger, Albia, Austin, B., Ehrhardt, N., and Van Leer, J. The Relative Sport Value of Various Types of Fishing in the Charter Boat Fishery of the Florida Keys. Miami, FL: University of Miami, Rosenstiel School of Marine and Atmospheric Science. 1985.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Florida Keys  
Species: inshore/reef fish; offshore/trolling fish; billfish; sharks; tarpon/flats fish  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: catch: effort

Easley Jr., J. E. and Thurman, Walter N. The South Atlantic Snapper-Grouper Complex: Demand Estimation for Individual Species and the Composite Species Complex. North Carolina State University, MARFIN NA47FF0009. 1996.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: snapper-grouper  
Activity: not specific  
Mode: not specific  
Habitat: marine  
Type: not specific

Eastern Caribbean Center. Telephone Survey of Boat-Based Marine Recreational Fishing in the

U.S. Virgin Islands, 2000. Eastern Caribbean Center. 2002.

Council(s): Caribbean

State(s): U.S. Virgin Islands

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: characteristics

Ellerbrock, Michael J. and Milon, J. Walter. A Methodology for Estimating the Economic Impact of Sportfishing Tournaments. Florida Sea Grant College Program, University of Florida, Gainesville, FL, Sea Grant Report ID FLSGP-T-84-001. 1984.

Council(s): South Atlantic

State(s): Florida

Region/Site: Jacksonville, Fort Pierce

Species: not specific

Activity: recreational fishing; tournament fishing

Mode: private; charter

Habitat: marine

Type: expenditure and impact

Ellis, Robert W., Rosen, Albert, and Moffett, Alan W. A Survey of the Number of Anglers and of Their Fishing Effort and Expenditures in the Coastal Recreational Fishery of Florida. Miami, FL: National Marine Fisheries Service, NOAA SEFSC Technical Series, #24. 1959.

Council(s): Gulf of Mexico, South Atlantic

State(s): Florida

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private; charter; party; bridge; jetty; pier; shore

Habitat: marine

Type: expenditure and impact; effort

English, Donald B. K., Kriesel, Warren, Leeworthy, Vernon R., and Wiley, Peter C. Linking the Economy and Environment of Florida Keys/Florida Bay: Economic Contribution of Recreating Visitors to the Florida Keys/Key West. Monroe County Tourist Development Council. 1996.

Council(s): Gulf of Mexico

State(s): Florida

Region/Site: Florida Keys

Species: not specific

Activity: recreational fishing; recreational boating; sightseeing; recreational diving/snorkeling; other recreational activities

Mode: private; charter; party

Habitat: marine

Type: expenditure and impact

Environmental Protection Agency. The Tampa Bay Watershed Case Study (Section D5). In: *Case Study Analysis for the Proposed Section 316(b) Phase II Existing Facilities Rule*. Anonymous. Environmental Protection Agency, Office of Science and Technology, Engineering and Analysis Division. 2002.

Council(s): Gulf of Mexico

State(s): Florida

Region/Site: Tampa Bay

Species: black and red drum; spotted seatrout; gamefish; snapper-grouper (includes sheepshead)

Activity: recreational fishing

Mode: private; charter; shore

Habitat: marine

Type: valuation

Etzold, D. J., Murray, N. O., and Veal, C. D. Charter boat fishing on the Mississippi Gulf coast. Mississippi-Alabama Sea Grant Consortium, Sea Grant Report ID MASGC-T-77-003. 1977.

Council(s): Gulf of Mexico

State(s): Mississippi

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter

Habitat: marine

Type: expenditure and impact; marketing

Falk, J.M., A.R. Graefe, and R.B. Ditton. "Patterns of participation among saltwater tournament anglers." *Fisheries*. 14(4): 10-17. 1989.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing; tournament fishing

Mode: private

Habitat: marine

Type: participation and demand

Fedler, A.J. and R.B. Ditton. "Understanding angler motivations in fishery management." *Fisheries*. 19(4): 6-13. 1994.

Council(s): Gulf of Mexico, Mid Atlantic

State(s): Texas, Maryland

Region/Site: not specific

Species: black drum; shark; billfish; trout; catfish; black bass

Activity: recreational fishing

Mode: private; charter; shore

Habitat: marine; freshwater  
Type: management and policy

Fedler, A.J. and R.B. Ditton. "Developing a national outreach strategy for recreational fishing and boating." *Fisheries*. 25(1): 22-28. 2000.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; recreational boating  
Mode: private  
Habitat: marine; freshwater  
Type: discussion; marketing

Fedler, A.J. and R.B. Ditton. "A framework for understanding the consumptive orientation of recreational fishermen." *Environmental Management*. 10(2): 221-227. 1985.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: not specific  
Type: not specific

Fedler, A.J. and R.B. Ditton. "Dropping out and dropping in: A study of factors for changing recreational fishing participation." *North American Journal of Fisheries Management*. 21(2): 283-292. 2001.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: characteristics; participation and demand

Fedler, Anthony J. and Holland, Stephen M. Modeling the Effects of Fisheries Regulations and Trip Attributes on Angler Behavior. NOAA, MARFIN NA87FF0428. 2000.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: not specific



- Fedler, Anthony J. Measures of the Size of the Fishing Industry. Proceedings from the North Carolina Marine Recreational Fishing Forum.  
 Council(s): South Atlantic, Mid Atlantic  
 State(s): North Carolina  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing; commercial fishing  
 Mode: private; charter; party; commercial  
 Habitat: marine  
 Type: expenditure and impact; participation and demand
- Fisher, M.R. and R.B. Ditton. "Characteristics of billfish anglers in the U.S. Atlantic Ocean." *Marine Fisheries Review*. 54(1): 1-6. 1992.  
 Council(s): Gulf of Mexico, South Atlantic, Caribbean, Mid Atlantic, New England  
 State(s): Maine, Massachusetts, Rhode Island, Connecticut, New Jersey, New York, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Puerto Rico, U.S. Virgin Islands  
 Region/Site: not specific  
 Species: billfish  
 Activity: recreational fishing; tournament fishing  
 Mode: private; charter  
 Habitat: marine  
 Type: characteristics
- Fisher, Mark R. The Relationship between Nonresponse Bias and Angler Specialization (Fishing). Texas A&M University. 1993. Dissertation.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: attitudes; characteristics; participation and demand
- Fisher, M.R. "Segmentation of the angler population by catch preference, participation, and experience: A management-oriented application of recreation specialization." *North American Journal of Fisheries Management*. 17(1): 1-10. 1997.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: attitudes; characteristics; participation and demand

- Fisher, M.R. and R.B. Ditton. "A social and economic characterization of the U.S. Gulf of Mexico recreational shark fishery." *Marine Fisheries Review*. 55(3): 21. 1993.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: Port Aransas (party boat survey data only)  
 Species: shark  
 Activity: recreational fishing; tournament fishing  
 Mode: private; charter; party  
 Habitat: marine  
 Type: expenditure and impact; participation and demand
- Florida Sea Grant. Saltwater recreational fishing in Florida: The economics of resident and tourist participation. Florida Sea Grant College Program, Sea Grant Report ID FLSGP-G-93-002. 1993.  
 Council(s): Gulf of Mexico, South Atlantic  
 State(s): Florida  
 Region/Site: not specific  
 Species: (ranking of target species)  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: participation and demand
- Garcia-Moliner, G. Recreational Chartered Fishing Activity in the U.S. Caribbean. Proceedings of the 53rd Annual Gulf and Caribbean Fisheries Institute. Creswell, R. LeRoy, editor.  
 Council(s): Caribbean  
 State(s): Puerto Rico, U.S. Virgin Islands  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter  
 Habitat: marine  
 Type: characteristics; participation and demand
- Gentner, Brad, Price, Michael, and Steinback, Scott. Marine Angler Expenditures in the Southeast Region, 1999. NOAA Technical Series, NMFS-F-/SPO-48. 2001.  
 Council(s): South Atlantic, Gulf of Mexico  
 State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: expenditure and impact
- Gill, D.A. and R.B. Ditton. "Charter and party boat operators in the U.S. Gulf of Mexico: A

- social structure perspective." *Marine Fisheries Review*. 55(3): 16-20. 1993.  
 Council(s): Gulf of Mexico  
 State(s): Texas, Louisiana, Mississippi, Alabama, Florida  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter; party  
 Habitat: marine  
 Type: business operations; characteristics
- Gillig, Dhazn. An economic assessment of Gulf of Mexico red snapper management policies. Texas A&M University. 1999. Dissertation.  
 Council(s): Gulf of Mexico  
 State(s): not specific  
 Region/Site: Gulf of Mexico  
 Species: red snapper  
 Activity: recreational fishing  
 Mode: not specific  
 Habitat: marine  
 Type: bioeconomic modeling; participation and demand
- Gillig, D., T. Ozuna Jr., and W.L. Griffin. "The Value of the Gulf of Mexico Recreational Red Snapper Fishery." *Marine Resource Economics*. 15(2): 127-139. 2000.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Mississippi, Louisiana, Texas  
 Region/Site: not specific  
 Species: red snapper  
 Activity: recreational fishing  
 Mode: private; charter; party  
 Habitat: marine  
 Type: participation and demand; valuation
- Gillis, K.S. and R.B. Ditton. "A Conjoint Analysis of U.S. Atlantic Billfish Fishery Management Alternatives." *North American Journal of Fisheries Management*. 22(4): 1218-1228. 2002.  
 Council(s): New England, Mid Atlantic, South Atlantic, Gulf of Mexico, Caribbean  
 State(s): Maine, New Hampshire, Rhode Island, Connecticut, Massachusetts/New York, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Puerto Rico, U.S. Virgin Islands  
 Region/Site: not specific  
 Species: billfish  
 Activity: recreational fishing  
 Mode: private; charter  
 Habitat: marine  
 Type: management and policy; marketing
- Glasure, Yong Un. An Economic Evaluation of the Florida Saltwater Resident Recreational

Fishery. Florida State University. 1987. Dissertation.  
Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Gordon Jr., W.R. "Travel characteristics of marine anglers using oil and gas platforms in the central Gulf of Mexico." *Marine Fisheries Review*. 55(1): 25-31. 1993.  
Council(s): Gulf of Mexico  
State(s): Louisiana  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine, artificial  
Type: characteristics; participation and demand

Gordon Jr., William R. Predicting Recreational Fishing Use of Offshore Petroleum Platforms in the Central Gulf of Mexico. Texas A&M University. 1987. Dissertation.  
Council(s): Gulf of Mexico  
State(s): Louisiana  
Region/Site: Delta region  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine, artificial  
Type: characteristics; participation and demand

Graefe, A.R. and R.B. Ditton. "Recreational shark fishing on the Texas Gulf Coast: An exploratory study of behavior and attitudes." *Marine Fisheries Review*. 38(2): 10-20. 1976.  
Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: Corpus Christi  
Species: shark  
Activity: recreational fishing  
Mode: private; shore  
Habitat: marine  
Type: attitudes; characteristics

Graefe, A.R. and R.B. Ditton. "Bay and offshore fishing in the Galveston Bay area: A comparative study of fishing patterns, fishermen characteristics, and expenditures." *North American Journal of Fisheries Management*. 6(2): 192-199. 1986.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: Houston, Galveston Bay  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: expenditure and impact; participation and demand

Green, Albert W., Barrington, Linda Z., and Matlock, Gary C. An Estimation of the Total Number of Texas Fishermen, 1 September 1978 - 31 August 1979. 1982 Proceedings of the Annual Southeast Association of Fish and Wildlife Agencies Conference.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine; freshwater  
Type: characteristics; effort

Green, T.G. "Importance of Fish Consumption to Sport Fishermen - An Economic Analysis." *Fisheries*. 16(6): 13-19. 1991.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: East Matagorda Bay  
Species: red drum  
Activity: recreational fishing  
Mode: private; charter  
Habitat: marine  
Type: participation and demand; valuation

Green, Trellis G. The Economic Value And Policy Implications Of Recreational Red Drum Success Rate In The Gulf Of Mexico. St. Petersburg, FL: NOAA SEFC, NA87WCH06146. 1989.

Council(s): Gulf of Mexico  
State(s): Florida, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing  
Mode: private; shore ("beach/bank"); pier ("man-made/structures"); charter; party  
Habitat: marine  
Type: management and policy; valuation

Green, T.G. "Allocation Between Commercial and Recreational Sectors in Stressed Marine Fisheries." *Society and Natural Resource Economics*. 7 :39-56. 1994.

Council(s): Gulf of Mexico

State(s): Florida, Mississippi, Louisiana  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: valuation

Green, Trellis G. Compensating and Equivalent Variation of the Florida Saltwater Tourist Fishery. Florida State University. 1984. Dissertation.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: valuation

Greene, G., C.B. Moss, and T.H. Spreen. "Demand for Recreational Fishing in Tampa Bay, Florida: A Random Utility Approach." *Marine Resource Economics*. 12(4): 293-305. 1997.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Tampa Bay  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Greene, Gretchen, Moss, Charles B., and Thunberg, Eric M. Estimation Of Anglers' Value Of Reef Fish In The Gulf Of Mexico. Gainesville, FL: University of Florida, Food and Resource Economics Department, MARFIN NA37FF0054-01. 1992.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: not specific  
Species: reef fish  
Activity: recreational fishing  
Mode: charter; party; private  
Habitat: marine  
Type: valuation

Gribben, Kirk J., Mathews, Kristy E., and Rauscher, Jon D. Advantages of a household survey to measure fish consumption by Texas saltwater anglers. Triangle Economic Research, TER Technical Working Paper No. T-0301. 2003.

Council(s): Gulf of Mexico

State(s): Texas  
Region/Site: Lavaca Bay  
Species: finfish; shellfish  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: characteristics

Griffin, Wade L. An Economics Assessment of Gulf of Mexico Red Snapper Management Policies. Department of Agricultural Economics, Texas A&M University, MARFIN NA57FF0284. 1999.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: management and policy

Griffin, Wade L., Davis, George, and Rosette Valencia, Karla D. Recreation Demand of Red Snapper with Emphasis on the Significance of Time Variables and Cross-Equation Coefficients. NOAA, MARFIN NA87FF0432. 2002.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: valuation

Griffith, David C., Johnson, Jeffrey C., Valdes, Manuel P., Murray, James D., and Chaparro, Ruperto S. Developing marine recreational fishing in Puerto Rico and the U.S. Virgin Islands. National Marine Fisheries Service. 1988.

Council(s): Caribbean  
State(s): Puerto Rico  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: marketing

Griffith, David C., Johnson, Jeffrey C., and Murray, James D. A program to increase demand for underutilized species among marine recreational fishermen of the Southeast IV. St. Petersburg, FL: NOAA SEFC, NA88WCHSK067. 1989.

Council(s): South Atlantic; Gulf of Mexico  
State(s): North Carolina, Florida, Texas  
Region/Site: not specific  
Species: underutilized species  
Activity: recreational fishing  
Mode: private; pier  
Habitat: marine  
Type: management and policy; participation and demand

Griffith, David C., Johnson, Jeffrey C., Chaparro, Ruperto S., Valdes, Manuel P., and Murray, James D. Developing Marine Recreational Fishing In Puerto Rico and the US Virgin Islands. St. Petersburg, FL: NOAA SEFC, NA86WCH06108. 1988.

Council(s): Caribbean  
State(s): Puerto Rico, U.S. Virgin Islands  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: marketing

Guillory, Vincent. A Survey of the Recreational Blue Crab Fishery in Terrebone Louisiana Parish, Louisiana. Louisiana Department of Wildlife and Fisheries, NA89WCHMF005. 1990.

Council(s): Gulf of Mexico  
State(s): Louisiana  
Region/Site: Terrebone Parrish  
Species: blue crab  
Activity: recreational fishing  
Mode: private; shore  
Habitat: marine  
Type: characteristics; participation and demand

Gulf States Marine Fisheries Commission. Mississippi's Shore Night Fishing Survey: Marine Recreational Fisheries Statistics Survey January 2001 - December 2002. Gulf States Marine Fisheries Commission. 2003.

Council(s): Gulf of Mexico  
State(s): Mississippi  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: shore  
Habitat: marine  
Type: catch: effort; characteristics

Haab, Timothy C., Whitehead, John C., and McConnell, Ted. The Economic Value of Marine Recreational Fishing in the Southeast United States: 1997 Southeast Economic Data



Analysis. NOAA Technical Series, NMFS-SEFSC-466. 2001.  
Council(s): Gulf of Mexico, South Atlantic, Mid Atlantic  
State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana  
Region/Site: not specific  
Species: red drum; snapper-grouper; spotted seatrout; coastal migratory pelagics  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: valuation

Harper, D.E., J.A. Bohnsack, and B.R. Lockwood. "Recreational fisheries in Biscayne National Park, Florida, 1976-1991." *Marine Fisheries Review* . 62(1): 8-26. 2000.  
Council(s): South Atlantic  
State(s): Florida  
Region/Site: Biscayne National Park  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: characteristics

Hendon, J. Read and Warren, James R. Management of spotted seatrout in Mississippi: Effects of changing the minimum size limit. Proceedings of the 54th Annual Gulf and Caribbean Fisheries Institute.  
Council(s): Gulf of Mexico  
State(s): Mississippi  
Region/Site: not specific  
Species: spotted seatrout  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: management and policy

Hiett, R. L. and Milon, J. Walter. Economic Impact of Recreational Fishing and Diving Associated with Offshore Oil and Gas Structures in the Gulf of Mexico. Prepared by QuanTech, Inc. for the U.S. Dept. of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, Report ID MMS 2002-010. 2002.  
Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: Gulf of Mexico  
Species: not specific  
Activity: recreational fishing; recreational diving  
Mode: not specific  
Habitat: marine, artificial  
Type: expenditure and impact

- Holiman, Stephen G. Economic Summary of the Gulf of Mexico Reef Fish Recreational Fishery. NOAA Southeast Regional Office, Report ID SERO-ECON-00-02. 1999.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
 Region/Site: not specific  
 Species: red snapper; red grouper; gag grouper  
 Activity: recreational fishing  
 Mode: private; charter; headboat  
 Habitat: marine  
 Type: attitudes; characteristics
- Holiman, Stephen G. Summary Report of Methods and Descriptive Statistics for the 1997-98 Southeast Region Marine Recreational Economics Survey. NOAA Southeast Regional Office, Report ID SERO-ECON-00-11. 2000.  
 Council(s): South Atlantic, Gulf of Mexico  
 State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana  
 Region/Site: not specific  
 Species: multiple  
 Activity: recreational fishing  
 Mode: private; charter; party; shore  
 Habitat: marine  
 Type: characteristics; participation and demand
- Holland, S.M., R.B. Ditton, and A.R. Graefe. "A response to "Ecotourism on trial: The case of billfish angling as ecotourism"." *Journal of Sustainable Tourism*. 8( 4): 346-351. 2001.  
 Council(s): not specific  
 State(s): not specific  
 Region/Site: not specific  
 Species: billfish  
 Activity: recreational fishing  
 Mode: private; charter  
 Habitat: marine  
 Type: not specific
- Holland, Stephen M. Assessing Angler Preference For Management Action Directed At Marine Recreational Fisheries. Gainesville, FL: Department Of Recreation, Parks and Tourism, University Of Florida, NA27FD0064-01. 1994.  
 Council(s): Gulf of Mexico, South Atlantic  
 State(s): Florida, Texas  
 Region/Site: Gulf and Southeastern Florida  
 Species: amberjack; billfish; dolphin fish; flounder; grouper; grunts; king mackerel; pompano; redfish; seabass; shark; snapper (2-red 5-gray); spanish mackerel; spotted seatrout  
 Activity: recreational fishing  
 Mode: private; shore  
 Habitat: marine

Type: attitudes; management and policy

Holland, S.M. and R.B. Ditton. "Fishing Trip Satisfaction: A Typology of Anglers." *North American Journal of Fisheries Management*. 12(1): 28-33. 1992.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: attitudes; management and policy

Holland, S.M., R.B. Ditton, and D.A. Gill. "The U.S. Gulf of Mexico charter boat industry: Activity centers, species targeted and fisheries management options." *Marine Fisheries Review*. 54(1): 21-28. 1992.

Council(s): Gulf of Mexico

State(s): Florida, Alabama, Mississippi, Louisiana, Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing boat

Mode: charter

Habitat: marine

Type: management and policy; participation and demand

Holland, S.M., R.B. Ditton, and A.R. Graefe. "An Ecotourism Perspective on Billfish Fisheries." *Journal of Sustainable Tourism*. 6(2): 1-20. 1998.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: billfish

Activity: recreational fishing

Mode: private; charter

Habitat: marine

Type: management and policy

Holland, Stephen M., Fedler, Anthony J., and Milon, J. Walter. The Operations and Economics of the Charter and Head Boat Fleets of the Eastern Gulf of Mexico and South Atlantic Coasts. NOAA, MARFIN NA77FF0553. 1999.

Council(s): Gulf of Mexico, South Atlantic

State(s): North Carolina, South Carolina, Georgia, Florida

Region/Site: not specific

Species: not specific

Activity: recreational fishing; fishing; party/headbaot

Mode: charter; party

Habitat: marine

Type: expenditure and impact; business operations

- Hunt, K.M. and R.B. Ditton. "Perceived benefits of recreational fishing to Hispanic-American and Anglo anglers." *Human Dimensions of Wildlife*. 6 :153-172. 2001.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine; freshwater  
 Type: attitudes; participation and demand
- Hunt, Kevin M. Understanding racial and ethnic differences in angler behavior. Texas A&M University. 2000. Dissertation.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: not specific  
 Habitat: marine  
 Type: participation and demand
- Ingram, Billie I. Economic Inventory of Recreation and Tourism within the Texas Coastal Zone. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-73-009. 1973.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing; recreational hunting; swimming; picnicking; hiking; sightseeing; recreational boating  
 Mode: not specific  
 Habitat: marine  
 Type: expenditure and impact
- Irby Jr., Edwin W. A Fishing Survey of Choctawhatchee Bay and Adjacent Gulf of Mexico Waters. Florida Marine Research Publications. 1974.  
 Council(s): Gulf of Mexico  
 State(s): Florida  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing; commercial fishing  
 Mode: private; charter; party; commercial  
 Habitat: marine  
 Type: characteristics; participation and demand
- Jennings, C.A. "Survey of Non-Charter Boat Recreational Fishing in the U.S. Virgin Islands."

*Bulletin of Marine Science*. 50(2): 342-351. 1992.

Council(s): Caribbean

State(s): U.S. Virgin Islands

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: catch; characteristics

Johns, Grace M., Leeworthy, Vernon R., Bell, Frederick W., and Bonn, Mark A. Socioeconomic Study of Reefs in Southeast Florida. Broward County Department of Planning and Environmental Protection. 2001.

Council(s): South Atlantic

State(s): Florida

Region/Site: Broward County

Species: not specific

Mode: not specific

Habitat: marine, natural; marine, artificial

Type: characteristics

Johnson, Jeffrey C., Griffith, David C., and Murray, James D. A program to increase demand for underutilized species among recreational fishermen I. NOAA MARFIN. 1985.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: underutilized species

Johnson, Jeffrey C., Griffith, David C., and Murray, James D. A program to increase demand for underutilized species among recreational fishermen II. NOAA MARFIN. 1986.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: underutilized species

Johnson, Jeffrey C., Griffith, David C., and Murray, James D. Recreational fishermen's perceptions and preferences for marine fish: some methodological considerations. Proceedings of the 39th Annual Gulf and Caribbean Fisheries Institute.

Council(s): Gulf of Mexico, South Atlantic, Mid Atlantic

State(s): Florida, Texas, North Carolina  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: attitudes

Johnson, Jeffrey C., Griffith, David C., and Murray, James D. A program to increase demand for underutilized species among recreational fishermen III. NOAA MARFIN. 1987.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: underutilized species

Johnson, Jeffrey C., Griffith, David C., and Murray, James D. A program to increase demand for underutilized species among recreational fishermen IV. NOAA MARFIN. 1989.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: underutilized species

Johnson, Jeffrey C. and Maiolo, J. R. Communication networks in the king mackerel fisheries of South Carolina, Georgia, and Florida. A report to the South Atlantic Fishery Management Council. 1987.

Council(s): South Atlantic  
State(s): Florida, Georgia, South Carolina  
Region/Site: not specific  
Species: king mackerel  
Activity: fishing  
Mode: not specific  
Habitat: marine  
Type: characteristics

Johnson, Jeffrey C. and Maiolo, J. R. Communication networks in the North Carolina king mackerel fishery: Parts I and II. A report to the South Atlantic Fishery Management Council. 1987.

Council(s): South Atlantic  
State(s): North Carolina

Region/Site: not specific  
Species: king mackerel  
Activity: fishing  
Mode: not specific  
Habitat: marine  
Type: characteristics

Johnson, Jeffrey C., Fricke, Peter, Hepburn, Marcus, and et al. Recreational fishing in the sounds of North Carolina: a socioeconomic analysis, Volume 1. North Carolina Sea Grant College Program, North Carolina State University, Raleigh, NC, Sea Grant Report ID NCU-T-86-008. 1986.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: upper sounds of Eastern region  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: business operations; characteristics; participation and demand

Johnson, Jeffrey C. and Griffith, David C. Perceptions and Preferences for Marine Fish: A Study Of Recreational Fishermen in the Southeast. North Carolina Sea Grant College Program, University of North Carolina, Wilmington, NC, Sea Grant Report ID NCU-T-85-001/UNC-SG-85-01. 1985.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida, North Carolina, Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: attitudes

Johnson, J.C. and D.C. Griffith. "Promoting sportfishing development in Puerto Rico: Travel agents' perceptions of the Caribbean." *Human Organization*. 54(3): 295-331. 1995 .

Council(s): Caribbean  
State(s): Puerto Rico  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: marketing

Johnson, Jeffrey C. and Perdue, Richard R. Marine recreational fishing, marine manufacturers and marinas in North Carolina: an economic characterization. North Carolina Sea Grant College Program, North Carolina State University, Raleigh, NC, Sea Grant Report ID

NCU-T-86-006. 1986.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: characteristics; expenditure and impact

Kaoru, Yoshiaki. Valuing Improvements in Estuarine Quality for Marine Recreational Fishing: A Discrete Choice Benefit Analysis (Fishing, North Carolina). Vanderbilt University. 1989. Dissertation.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: Albemarle-Pamlico Estuary  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand

Kaoru, Y., V.K. Smith, and J.L. Liu. "Measuring Marine Recreation Benefits of Water Quality Improvements by the Nested Random Utility Model: Using Random Utility Models to Estimate the Recreational Value of Estuarine Resources." *Resource and Energy Economics*. 17(2): 119-136. 1995.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: Albemarle-Pamlico Estuary  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: participation and demand

Kaoru, Y., V.K. Smith, and J.L. Liu. "Using Random Utility Models to Estimate the Recreational Value of Estuarine Resources." *American Journal of Agricultural Economics*. 77(1): 141-51. 1995.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: Albemarle-Pamlico Estuary  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: participation and demand



Leeworthy, Vernon R. and Bowker, J. M. Linking the Economy and Environment of Florida Keys/Florida Bay: Nonmarket Economic User Values of the Florida Keys/Key West. Monroe County Tourist Development Council. 1997.

Council(s): Gulf of Mexico

State(s): Florida

Region/Site: Florida Keys

Species: not specific

Activity: recreational fishing; recreational diving/snorkeling; recreational boating; wildlife viewing; swimming; sightseeing; beach use

Mode: private; charter; party

Habitat: marine

Type: expenditure and impact; participation and demand; valuation

Leeworthy, Vernon R. An Economic Allocation of Fishery Stocks between Recreational and Commercial Fishermen: The Case of King Mackerel. Florida State University. 1990. Dissertation.

Council(s): Gulf of Mexico, South Atlantic

State(s): Florida

Region/Site: not specific

Species: king mackerel

Activity: recreational fishing; commercial fishing

Mode: private; commercial

Habitat: marine

Type: expenditure and impact; participation and demand; valuation

Liao, David S. Economic Characteristics of Charter and Head Boat Fishing Industry in South Carolina. Charleston, SC: Marine Resources Research Institute. 1978.

Council(s): South Atlantic

State(s): South Carolina

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter; party

Habitat: marine

Type: business operations; characteristics

Liu, Jin Long. Essays on the Valuation of Marine Recreational Fishing along Coastal North Carolina. North Carolina State University. 1995. Dissertation.

Council(s): South Atlantic, Mid Atlantic

State(s): North Carolina

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private; charter; party; shore

Habitat: marine

Type: participation and demand; valuation

- Loomis, D.K. and R.B. Ditton. "Analysis of motive and participation differences between saltwater sport and tournament fishermen." *North American Journal of Fisheries Management*. 7(4): 482-487. 1987.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing; tournament fishing  
 Mode: private  
 Habitat: marine  
 Type: attitudes; participation and demand
- Loomis, D.K. and R.B. Ditton. "Technique for projecting the future growth and distribution of marine recreational fishing demand." *North American Journal of Fisheries Management*. 8(2): 259-263. 1988.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: participation and demand
- Manooch, C.S., L.E. Abbas, and J.L. Ross. "A Biological and Economic Analysis of the North Carolina Charter Boat Fishery." *Marine Fisheries Review*. 43(8): 1-11. 1981.  
 Council(s): South Atlantic, Mid Atlantic  
 State(s): North Carolina  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter  
 Habitat: marine  
 Type: business operations; catch; characteristics
- Manooch, C.S. and S.T. Laws. "Survey of the Charter Boat Troll Fishery in North Carolina, 1977." *Marine Fisheries Review*. 41(4): 15-27. 1979.  
 Council(s): South Atlantic, Mid Atlantic  
 State(s): North Carolina  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter  
 Habitat: marine  
 Type: characteristics
- Matlock, G.C. "Estimating the Direct Market Economic Impact of Sport Angling for Red Drum

in Texas." *North American Journal of Fisheries Management*. 6(4): 490-493. 1986.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: red drum

Activity: recreational fishing

Mode: private

Habitat: marine

Type: expenditure and impact; marketing

Matlock, G.C., G.E. Saul, and C.E. Bryan. "Importance of fish consumption to sport fishermen." *Fisheries*. 1(1): 25-26. 1988.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: East Matagorda Bay

Species: spotted seatrout; red drum

Activity: recreational fishing

Mode: not specific

Habitat: marine

Type: fish consumption; management and policy

McConnell, Kenneth E. and Strand Jr., Ivar E. The Economic Value of Mid and South Atlantic Sportfishing, Volume II. National Marine Fisheries Service, Cooperative Agreement #CR-811043-01-0. 1994.

Council(s): South Atlantic, Mid Atlantic

State(s): Florida, Georgia, South Carolina, North Carolina, Virginia, Maryland, Delaware, New Jersey, Pennsylvania, New York

Region/Site: Long Island Sound to Key West

Species: big game; small game; flatfish; bottomfish

Activity: recreational fishing

Mode: private; charter; party

Habitat: marine

Type: participation and demand; valuation

McEachron, L.W., G.E. Saul, and S.J. Gutreuter. "Accuracy of Trip Durations Reported by Marine Sport-Boat Fishers." *North American Journal of Fisheries Management*. 6(1): 59-62. 1986.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine

Type: characteristics; participation and demand

Mertens, Thomas John. Charter Boat Fishermen on the Texas Coast. Texas Sea Grant College

Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-T-77-017. 1977.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter

Habitat: marine

Type: business operations; characteristics; expenditure and impact

Milon, J.W. "A nested demand shares model of artificial marine habitat choice by sport anglers." *Marine Resource Economics*. 5(3): 191-213. 1988.

Council(s): South Atlantic

State(s): Florida

Region/Site: Southeast Florida

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine; marine, artificial; marine, natural

Type: participation and demand; valuation

Milon, J. Walter, Ellerbrock, Michael J., Brinkman, George L., and Logan, C. M. Economic impact and participant characteristics for the First Annual Greater Jacksonville Natural Light Kingfish Tournament. Florida Sea Grant College Program, University of Florida, Gainesville, FL, Sea Grant Report ID FLSGP-T-82-001. 1982.

Council(s): South Atlantic

State(s): Florida

Region/Site: Jacksonville

Species: king mackerel

Activity: recreational fishing; tournament fishing

Mode: private; charter

Habitat: marine

Type: characteristics; expenditure and impact

Milon, J. Walter. The economic benefits of artificial reefs: An analysis of the Dade County, Florida reef system. Florida Sea Grant College Program, University of Florida, Gainesville, FL, Sea Grant Report ID FLSGP-T-87-005. 1987.

Council(s): South Atlantic

State(s): Florida

Region/Site: Dade County

Species: not specific

Activity: recreational fishing; recreational boating; recreational diving/snorkeling

Mode: private

Habitat: marine, artificial

Type: participation and demand; valuation

- Milon, J.W. "Travel Cost Methods for Estimating the Recreational Benefits of Artificial Marine Habitat." *Southern Journal of Agricultural Economics*. 20(1): 87-101. 1988.  
 Council(s): Gulf of Mexico  
 State(s): Florida  
 Region/Site: Dade County  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine, artificial  
 Type: participation and demand; valuation
- Milon, J.W. "Artificial marine habitat characteristics and participation behavior by sport anglers and divers." *Bulletin of Marine Science*. 44(2): 853-862. 1989.  
 Council(s): South Atlantic  
 State(s): Florida  
 Region/Site: Dade County  
 Species: reef fishes  
 Activity: recreational fishing; recreational diving  
 Mode: private  
 Habitat: marine, artificial  
 Type: participation and demand
- Milon, J.W. "Measuring the economic value of anglers' kept and released catches." *North American Journal of Fisheries Management*. 11(2): 185-189. 1991.  
 Council(s): Gulf of Mexico  
 State(s): Florida, Alabama, Mississippi, Louisiana  
 Region/Site: not specific  
 Species: king mackerel  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine  
 Type: participation and demand; valuation
- Milon, J. Walter. Current and Future Participation in Marine Recreational Fishing in the Southeast U.S. Region. NOAA Technical Series, NMFS-F/SPO-44. 2000.  
 Council(s): South Atlantic, Gulf of Mexico  
 State(s): Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private; charter; party; shore  
 Habitat: marine  
 Type: participation and demand
- Milon, J. Walter, Thunberg, Eric M., Adams, Charles M., Crotts, John C., Holland, Stephen M., and Lin, C. T. Jordan. A regional analysis of current and future Florida resident

participation in marine recreational fishing. Florida Sea Grant College Program, University of Florida, Gainesville, FL, Sea Grant Report ID FLSGP-T-93-002. 1993.  
Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand

Milon, J. Walter, Thunberg, Eric M., Adams, Charles M., and Lin, C. T. Jordan. Recreational anglers' valuation of near-shore marine fisheries in Florida. Florida Sea Grant College Program, University of Florida, Gainesville, FL, Sea Grant Report ID FLSGP-T-94-001. 1994.  
Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida  
Region/Site: not specific  
Species: redfish; seatrout; mullet; sheepshead; pompano; king mackerel  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: valuation

Murdock, S.H., K. Backman, and R.B. Ditton. "Implications of future demographic change for participation in fishing in Texas." *North American Journal of Fisheries Management*. 12(3): 548-58. 1992.  
Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine; freshwater  
Type: characteristics; participation and demand

Norris-Raynbird, Carla. Socio-political Structure and Concerns of Offshore Charter and Party Boat Operators in Alabama, Mississippi, Louisiana and Texas. Department of Sociology, Texas A&M University. 2000. Dissertation.  
Council(s): Gulf of Mexico  
State(s): Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter; party  
Habitat: marine  
Type: attitudes; business operations

Ozuna Jr., Teofilo, Jones, L. L., and Fesenmaier, Daniel R. Assessing the economic impacts of recreational activities along the Texas Gulf Coast. Proceedings on the Symposium on Coastal Water Resources.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: not specific

Species: not specific

Activity: recreational fishing; recreational hunting; picnicking; swimming; camping; recreational boating; sightseeing

Mode: private; commercial

Habitat: marine

Type: expenditure and impact

Perdue, Richard R. and Betz, Carter J. Communication Networks in Marine Recreational Fishing: Information-Seeking Behavior, Fishing Knowledge, and Diffusion of Fishing Innovations Among Marine Recreational Fishermen in North Carolina. North Carolina Sea Grant College Program, University of North Carolina, Wilmington, NC, Sea Grant Report ID UNC-SG-92-05. 1992.

Council(s): South Atlantic, Mid Atlantic

State(s): North Carolina

Region/Site: not specific

Species: flounder; spot; croaker; king mackerel; red drum; pompano; bluefish; sheepshead; spanish mackerel; red snapper

Activity: recreational fishing

Mode: private

Habitat: marine

Type: characteristics; management and policy

Peyton, R.B. and L.M. Gigliotti. "The utility of sociological research: A re-examination of the East Matagorda Bay experience." *Fisheries*. 14(4): 5-7. 1989.

Council(s): Gulf of Mexico

State(s): Texas

Region/Site: East Matagorda Bay

Species: spotted seatrout; red drum

Activity: recreational fishing

Mode: private

Habitat: marine

Type: characteristics; discussion

Valdes, Manuel P., Rodriguez, Nancy, and Castro, Carmen G. Understanding commercial-recreational fishermen user conflicts in Puerto Rico and the United States Virgin Islands: Extension approaches toward mitigation and resolution. NOAA NMFS Saltonstall-Kennedy Program, NA88WCHSK066. 1990.

Council(s): Caibbean

State(s): Puerto Rico, U.S. Virgin Islands

Region/Site: not specific

Species: not specific

Activity: recreational fishing,; commercial fishing  
Mode: not specific  
Habitat: marine  
Type: management and policy

Platt, Jonathan L. Estimating the economic impacts of hypothetical grouper bag limits in the Destin/Panama City, Florida charter boat fishery. NOAA Technical Series, NOAA-SEFC-227. 1989.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Destin/Panama City  
Species: grouper  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: expenditure and impact; valuation

Puerto Rico Sea Grant College Program. 1990 survey of charter and headboat fishermen in Puerto Rico and the U.S. Virgin Islands. Puerto Rico Sea Grant College Program, Puerto Rico University, Mayaguez, PR, Sea Grant Report ID PRU-Q-90-001. 1990.

Council(s): Caribbean  
State(s): Puerto Rico, U.S. Virgin Islands  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter; party  
Habitat: marine  
Type: characteristics

Radonski, Gilbert, DuBose, William P. I. V., and Ditton, Robert B. The marine recreational fishing industry. North Carolina Sea Grant College Program, North Carolina State University, Raleigh, NC, Sea Grant Report ID NCU-T-86-002. 1986.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; commercial fishing  
Mode: private; charter; party; commercial  
Habitat: marine  
Type: attitudes; business operations; characteristics; marketing

Rhodes, R. J. and Iverson, K. G. Economic Impacts of the South Carolina Governor's Cup Billfishing Series in 1997. Proceedings of the 51st Annual Gulf and Caribbean Fisheries Institute.

Council(s): South Atlantic  
State(s): South Carolina  
Region/Site: Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Horry,



and Jasper Counties  
Species: billfish  
Activity: recreational fishing; tournament fishing  
Mode: private  
Habitat: marine  
Type: expenditure and impact; management and policy

Rockland, David B. The Economic Impact of the Sport and Commercial Fisheries of the Florida Keys. Sport Fishing Institute, NA89WCHMF019. 1988.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Florida Keys  
Species: finfish  
Activity: recreational fishing; commercial fishing  
Mode: private; charter; party; commercial  
Habitat: marine  
Type: expenditure and impact

Roehl, W.S., R.B. Ditton, and D.R. Fesenmaier. "Community-Tourism Ties." *Annals of Tourism Research*. 16(4): 504-513. 1989.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter; party  
Habitat: marine  
Type: characteristics; marketing; participation and demand

Roehl, W.S., R.B. Ditton, S.M. Holland, and R.R. Perdue. "Developing new tourism products: Sport fishing in the south-east United States." *Tourism Management*. 14(4): 279-288. 1993.

Council(s): South Atlantic, Gulf of Mexico  
State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter; party  
Habitat: marine  
Type: characteristics; marketing; participation and demand

Sabat, Albert M. Management of red hind (*Epinephelus guttatus*) fishery in western Puerto Rico through a regional demographic analysis. Department of Biology, University of Puerto Rico, NA97FD0069. 2001.

Council(s): Caribbean  
State(s): Puerto Rico

Region/Site: not specific  
Species: red hind  
Activity: not specific  
Mode: not specific  
Habitat: marine  
Type: characteristics; management and policy

Schmedemann, Ivan W. Economic Impact of Recreation - Who Gets What? Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-Z-70-024. 1970.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine; freshwater  
Type: expenditure and impact

Schmidt, Thomas, Delgado, Gabriel, and Alvarado, Mario. Assessment of the Recreational Sport Fisheries of Florida Bay and Adjacent Waters from 1985-1998. Proceedings of the 52nd Annual Gulf and Caribbean Fisheries Institute. Creswell, R. LeRoy, editor.

Council(s): Gulf of Mexico  
State(s): Florida  
Region/Site: Florida Bay  
Species: snook; gray snapper; spotted seatrout; red drum  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: catch: effort; characteristics

Schuhmann, P.W. "Deriving Species-Specific Benefits Measures for Expected Catch Improvements in a Random Utility Framework." *Marine Resource Economics*. 13(1): 1-21. 1998.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand; valuation

Schuhmann, P.W. "Modeling Dynamics of Fishery Harvest Reallocations: An Analysis of the North Carolina Red Drum Fishery." *Natural Resource Modeling*. 11(3): 241-71. 1998.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina

Region/Site: not specific  
Species: red drum  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: bioeconomic modeling

Schuhmann, P.W. and J.E. Easley Jr. "Stock Dynamics and Recreational Fishing Welfare Estimation: Implications for Natural Resource Damage Assessment." *American Journal of Agricultural Economics*. 80(5): 1032-1037. 1998.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: bioeconomic modeling

Schuhmann, P.W. and J.E. Easley Jr. "Modeling Recreational Catch and Dynamic Stock Adjustments: An Application to Commercial-Recreational Allocation." *Land Economics*. 76(3): 430-447. 2000.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: bioeconomic modeling

Smith, V. Kerry. The Value of Water Quality Improvements to Marine Recreational Fishermen. Proceedings from the North Carolina Marine Recreational Fishing Forum.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: discussion

Smith, V.K., J.L. Liu, and R.B. Palmquist. "Marine pollution and sport fishing quality: using Poisson models as household production functions." *Economics Letters*. 42(1): 111-116. 1993.  
Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina

Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand

Smith, Theodore I. J. A Cooperative Interstate Study to Evaluate Non-Reporting Rate of Recreational Anglers Who Capture Tagged Red Drum. Marine Resources Research Institute, South Carolina Department of Natural Resources, NA67FD0031. 1997.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: red drum  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: not specific

Smith, V.K., R.B. Palmquist, and P. Jakus. "Combining Farrell Frontier and Hedonic Travel Cost models for valuing estuarine quality." *Review of Economics & Statistics*. 73(4): 694-697. 1991.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: Albemarle-Pamlico Estuary  
Species: not specific  
Activity: recreational fishing  
Mode: private; shore  
Habitat: marine, estuarine  
Type: hedonics; participation and demand; valuation

Stoll, John R., Milon, J. Walter, Ditton, Robert B., Sutton, Stephen G., and Holland, Stephen M. The Economic Impact of Charter and Party Boat Operations in the Gulf of Mexico. Proceedings of the 53rd Annual Gulf and Caribbean Fisheries Institute. Creswell, R. LeRoy, editor.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter; party  
Habitat: marine  
Type: expenditure and impact

Strand Jr., Ivar E., McConnell, Kenneth E., Bockstael, Nancy E., and Swartz, David G. Marine Recreational Fishing in the Middle and South Atlantic: A Descriptive Study. NOAA NMFS, Cooperative Agreement #CR-811043-01. 1991.

Council(s): South Atlantic, Mid Atlantic  
State(s): Florida, Georgia, South Carolina, North Carolina, Virginia, Maryland, Delaware, New Jersey, New York  
Region/Site: not specific  
Species: big game; small game; flatfish; bottomfish  
Activity: recreational fishing  
Mode: private; charter; party; beach; pier  
Habitat: marine  
Type: characteristics; participation and demand

Strickland, Richard S. and Quinn, Norman J. A survey of marine recreation services in the U.S. Virgin Islands. Puerto Rico Sea Grant College Program, Puerto Rico University, Mayaguez, PR, Sea Grant Report ID PRU-T-92-001. 1992.

Council(s): Caribbean  
State(s): U.S. Virgin Islands  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; recreational diving/snorkeling; recreational watersports  
Mode: charter; party  
Habitat: marine  
Type: business operations; characteristics; recreational supply

Strickland, Richard S., Quinn, Norman J., and MacDonald, Lynne Hinkey. A survey of marine recreation services in the U.S. Virgin Islands. Technical report on the marine survey recommendations workshop. Puerto Rico Sea Grant College Program, Puerto Rico University, Mayaguez, PR, Sea Grant Report ID PRU-S-94-001. 1994.

Council(s): Caribbean  
State(s): U.S. Virgin Islands  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; recreational diving; recreational watersports  
Mode: charter; party  
Habitat: marine  
Type: business operations; characteristics; recreational supply

Sutton, Stephen G. Understanding catch-and-release behavior of recreational anglers. Texas A&M University. 2001. Dissertation.

Council(s): Gulf of Mexico; South Atlantic  
State(s): North Carolina, Texas; Mexico; Costa Rica  
Region/Site: Hatteras, North Carolina  
Species: billfish; freshwater species  
Activity: recreational fishing  
Mode: private  
Habitat: marine; freshwater (Texas data)  
Type: attitudes; characteristics

Sutton, S.G. and R.B. Ditton. "Understanding Catch-and-Release Behavior Among U.S. Atlantic

- Bluefin Tuna Anglers." *Human Dimension of Wildlife*. 6(1): 49-66. 2001.  
 Council(s): South Atlantic, Mid Atlantic  
 State(s): North Carolina  
 Region/Site: Hatteras  
 Species: bluefin tuna  
 Activity: recreational fishing  
 Mode: private; charter  
 Habitat: marine  
 Type: attitudes; characteristics
- Sutton, Stephen G., Ditton, Robert B., Stoll, John R., and Milon, J. Walter. A Cross-sectional Study and Longitudinal Perspective on the Social and Economic Characteristics of the Charter and Party Boat Fishing Industry of Alabama, Mississippi, Louisiana, and Texas. Texas A&M University Human Dimensions Lab, Report ID HD-612. 1999.  
 Council(s): Gulf of Mexico  
 State(s): Alabama, Mississippi, Louisiana, Texas  
 Region/Site: not specific  
 Species: snapper; king mackerel; red drum; cobia; tuna; speckled trout; amberjack; spanish mackerel; billfish; shark; grouper; dolphin; flounder; wahoo; bonito; tarpon; snook; barracuda; ladyfish; bluefish  
 Activity: recreational fishing  
 Mode: charter; party  
 Habitat: marine  
 Type: attitudes; business operations; characteristics; effort; expenditure and impact
- Taylor, K. H., Prochaska, Frederick J., and Cato, James C. Economic returns in operating Florida Atlantic coast charter and party boats, 1980-81. Florida Sea Grant College Program, University of Florida, Tuscaloosa, FL, Sea Grant Report ID FLSGP-G-82-007. 1982.  
 Council(s): South Atlantic  
 State(s): Florida  
 Region/Site: Atlantic Coast  
 Species: not specific  
 Activity: recreational fishing  
 Mode: charter; party  
 Habitat: marine  
 Type: business operations; characteristics
- Travnichek, Rebecca J. and Clonts, Howard A. Intrastate impact of sportfishing. Proceedings of the 1996 Northeastern Recreation Research Symposium. Kuentzel, Walter F., editor.  
 Council(s): Gulf of Mexico  
 State(s): Alabama  
 Region/Site: not specific  
 Species: not specific  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine; freshwater

Type: expenditure and impact

Travnichek, Rebecca J. Economic and marketing issues related to recreational fishing in Alabama. Auburn University. 1996. Dissertation.

Council(s): Gulf of Mexico

State(s): Alabama

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private

Habitat: marine; freshwater

Type: expenditure and impact; marketing

U.S. Fish & Wildlife Service. 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. U.S. Fish & Wildlife Service. 2002.

Council(s): not specific

State(s): not specific

Region/Site: not specific

Species: not specific

Activity: recreational fishing; recreational hunting; wildlife viewing

Mode: private

Habitat: marine; freshwater

Type: characteristics; expenditure and impact

Valdes, Manuel P., Chaparro, Ruperto S., and Gutierrez, Jaime S. In support of marine recreational fishing: an assessment of access and infrastructure in Puerto Rico and the U.S. Virgin Islands. Puerto Rico Sea Grant College Program, Puerto Rico University, Mayaguez, PR, Sea Grant Report ID PRU-T-91-001. 1991.

Council(s): Caribbean

State(s): Puerto Rico, U.S. Virgin Islands

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: private; charter

Habitat: marine

Type: recreational supply

Van Voorhees, David A., Sminkey, Thomas R., Schlechte, J. Warren, Donaldson, David M., Anson, Kevin J., O'Hop, Joseph R., Norriss, Martha D. B., Shepard, Joseph A., Van Devender, Thomas, and Zales II, Robert F. The new marine recreational fishery statistics survey method for estimating charter boat fishing effort. Proceedings of the 53rd Annual Gulf and Caribbean Fisheries Institute. Creswell, R. LeRoy, editor.

Council(s): Gulf of Mexico

State(s): Florida, Alabama, Mississippi, Louisiana

Region/Site: not specific

Species: not specific

Activity: recreational fishing

Mode: charter  
Habitat: marine  
Type: effort

Wellman, Katharine F. and Noble, Benjamin. Selected Recreational Values of the Corpus Christi Bay National Estuary Program Study Area. Texas Natural Resource Conservation Commission, Corpus Christi Bay National Estuary Program, Austin, TX, Report ID CCBNEP-18. 1997.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: Corpus Christi Bay National Estuary  
Species: not specific  
Activity: recreational fishing; windsurfing; birdwatching  
Mode: private; charter; party  
Habitat: marine  
Type: valuation

Wanger, Tom, Osburn, Hal R., and Matlock, Gary C. Sociological and Economic Characteristics of Recreational Reef Fish Anglers In Texas Coastal Waters. NOAA, NA90-H-MF754. 1991.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: reef fish  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: characteristics

Whitehead, J.C., W.B. Clifford, and T.J. Hoban. "Willingness to Pay for a Saltwater Recreational Fishing License: A Comparison of Angler Groups." *Marine Resource Economics*. 16(3): 177-94. 2001.

Council(s): South Atlantic, Mid Atlantic  
State(s): North Carolina  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing; commercial fishing  
Mode: private; commercial  
Habitat: marine  
Type: valuation

Whitehead, J.C. and T.C. Haab. "Southeast Marine Recreational Fishery Statistical Survey: Distance and Catch Based Choice Sets." *Marine Resource Economics*. 14(4): 283-98. 1999.

Council(s): Gulf of Mexico, South Atlantic, Mid Atlantic  
State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana



Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: participation and demand; valuation

Whitehead, John C. and Haab, Timothy C. Analysis of Contingent Valuation Data from the 1997-1998 Southeast Economic Add-on Survey Data: Final Report for Contract No. 40WCNA005806. NOAA Technical Series, NMFS-SEFSC-465. 2001.

Council(s): Gulf of Mexico, South Atlantic, Mid Atlantic  
State(s): North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper; king mackerel; gag grouper  
Activity: recreational fishing  
Mode: private; charter; party  
Habitat: marine  
Type: attitudes; characteristics; valuation

Wilemon, Jeff M., Riechers, Robin K., and Ditton, Robert B. Estimating the Economic Value of the Recreational Boat Fishery in Galveston Bay, Texas. Proceedings of the 46th Gulf and Caribbean Fisheries Institute.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand; valuation

Woods, Steven A. and Ditton, Robert B. Texas Charter Fishing Bay and Gulf. Texas Sea Grant College Program, Texas A&M University, College Station, TX, Sea Grant Report ID TAMU-G-79-005. 1979.

Council(s): Gulf of Mexico  
State(s): Texas  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: charter  
Habitat: marine  
Type: characteristics

Woodward, R.T., D. Gillig, W.L. Griffin, and T. Ozuna Jr. "The Welfare Impacts of Unanticipated Trip Limitations in Travel Cost Models." *Land Economics*. 77(3): 327-338. 2001.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: participation and demand; valuation

Yocom, Cynthia B. Licenses & Fees for Alabama, Florida, Louisiana, Mississippi, and Texas in Their Marine Waters for the Year 2002. Gulf States Marine Fisheries Commission, Report ID 109. 2003.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: all species requiring purchase of a permit/tag/stamp  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine

Gillig, D., W.L. Griffin, and T. Ozuna Jr. "A bioeconomic assessment of Gulf of Mexico red snapper management policies." *Transactions of the American Fisheries Society*. 130(1): 117-129. 2001.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing; commercial fishing  
Mode: private; headboat; commercial  
Habitat: marine  
Type: catch: effort

Waters, Jim and Platt, Jonathan L. Economic analyses of alternative management options for the red snapper fishery in the Gulf of Mexico. Gulf of Mexico Fishery Management Council. 1990.

Council(s): Gulf of Mexico  
State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing; commercial fishing  
Mode: private; charter; party; commercial  
Habitat: marine  
Type: bioeconomic modeling

Woodward, R.T. and W.L. Griffin. "Size and bag limits in recreational fisheries: Theoretical and empirical analysis." *Marine Resource Economics*. 18(3): 239-262. 2003.

Council(s): Gulf of Mexico

State(s): Florida, Alabama, Mississippi, Louisiana, Texas  
Region/Site: not specific  
Species: red snapper  
Activity: recreational fishing  
Mode: private  
Habitat: marine  
Type: bioeconomic modeling

Anderson, L.G., E. Maruyama, and M. Middelkoop. The LEM fishery simulation model. 2000. Unpublished.

Council(s): Gulf of Mexico of Mexico  
State(s): not specific  
Region/Site: not specific  
Species: red snapper; red grouper  
Activity: recreational fishing; commercial fishing  
Mode: not specific  
Habitat: marine  
Type: bioeconomic modeling; discussion

Boster, J.S. and J.C. Johnson. "Form or function: A comparison of expert and novice judgements of similarity among fish." *American Anthropologist*. 91(4): 866-889. 1989.

Council(s): Gulf of Mexico, South Atlantic  
State(s): Florida, North Carolina, Texas  
Region/Site: not specific  
Species: blacktip shark; Atlantic stingray; ladyfish; tarpon; sea catfish; sail fin catfish; bighead sea robin; snook; black sea bass; red grouper; jewfish; scamp; bluefish; cobia; blue runner; crevalle jack; amberjack; pompano; dolphin; gray snapper; mutton snapper; red snapper; tripletail; silver jenny; pigfish; sheepshead; pinfish; spot; silver perch; spotted seatrout; southern kingfish; Atlantic croaker; red drum; Atlantic spadefish; striped mullet; great barracuda; wahoo; Spanish mackerel; king mackerel; southern flounder; gray triggerfish; smooth puffer; southern puffer  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: attitudes; fish consumption

Bell, Frederick W. Economic theory and efficient allocation of fishery resources. Marine fishery allocation and economic analysis: Proceedings of a Regional Workshop. Milon, J. Walter, editor.

Council(s): not specific  
State(s): not specific  
Region/Site: not specific  
Species: not specific  
Activity: recreational fishing  
Mode: not specific  
Habitat: marine  
Type: discussion

- Rockland, David B. User conflicts and 'blackened' economic analysis: A case history of the red drum fishery in the Gulf of Mexico. Marine fishery allocation and economic analysis: Proceedings of a Regional Workshop. Milon, J. Walter, editor.  
 Council(s): Gulf of Mexico  
 State(s): Florida  
 Region/Site: not specific  
 Species: red drum  
 Activity: recreational fishing; commercial fishing  
 Mode: not specific  
 Habitat: marine  
 Type: discussion
- Easley Jr., J. E. and Smith, V. Kerry. Uses and abuses of economics and fishery allocation analysis. Marine fishery allocation and economic analysis: Proceedings of a Regional Workshop. Milon, J. Walter, editor.  
 Council(s): South Atlantic, North Pacific, Pacific, Mid Atlantic, New England  
 State(s): Rhode Island, Maryland, Oregon, South Carolina, Alaska  
 Region/Site: Chesapeake Bay, Maryland; South Central Alaska  
 Species: winter flounder; striped bass; king mackerel; Spanish mackerel; black sea bass; salmon; trout  
 Activity: recreational fishing; commercial fishing  
 Mode: not specific  
 Habitat: marine; freshwater  
 Type: discussion
- Mullis, Anthony W. and Guier, C. Richard. Sport fishery harvest and effort on Albemarle Sound, North Carolina. Proceedings of the 36th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Sweeney, John R., Sweeney, James M., Doerr, Phillip, and Nielsen, Larry, editors.  
 Council(s): South Atlantic  
 State(s): North Carolina  
 Region/Site: Albemarle Sound  
 Species: largemouth bass; striped bass; white perch; sunfishes; crappie; channel catfish; weakfish; spotted seatrout  
 Activity: recreational fishing  
 Mode: private  
 Habitat: marine; freshwater  
 Type: catch: effort
- Ditton, R.B. Spotted Seatrout Angler Survey: Executive Summary. 1993. Unpublished.  
 Council(s): Gulf of Mexico  
 State(s): Texas  
 Species: spotted seatrout  
 Activity: recreational fishing  
 Mode: private; charter; shore/pier/jetty  
 Habitat: marine  
 Type: survey

Bowker, J.M. and V.R. Leeworthy. "Accounting for ethnicity in recreation demand: a flexible count data approach." *Journal of Leisure Sciences*.(1): 64-78. 1998.

Council(s): Gulf of Mexico

State(s): Florida

Region/Site: Florida Keys

Species: not specific

Activity: not specific

Mode: not specific

Habitat: marine